### Record Type

<table>
<thead>
<tr>
<th>File type identifier</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Household</td>
</tr>
<tr>
<td>20</td>
<td>Person</td>
</tr>
<tr>
<td>25</td>
<td>Income Imputation</td>
</tr>
<tr>
<td>30</td>
<td>Sample Adult</td>
</tr>
<tr>
<td>38</td>
<td>Functioning and Disability</td>
</tr>
<tr>
<td>40</td>
<td>Sample Child</td>
</tr>
<tr>
<td>60</td>
<td>Family</td>
</tr>
<tr>
<td>63</td>
<td>Family Disability Questions</td>
</tr>
<tr>
<td>65</td>
<td>Paradata</td>
</tr>
<tr>
<td>70</td>
<td>Injury/Poisoning Episode</td>
</tr>
<tr>
<td>75</td>
<td>Injury/Poisoning Verbatim</td>
</tr>
</tbody>
</table>

### Survey Year

<table>
<thead>
<tr>
<th>Year</th>
<th>Survey Year</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
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### Household Number

<table>
<thead>
<tr>
<th>Question ID:</th>
<th>IDN.000_04.000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Universe:</td>
<td>All households</td>
</tr>
<tr>
<td>Description:</td>
<td>All households</td>
</tr>
<tr>
<td>Sources:</td>
<td>None</td>
</tr>
<tr>
<td>Recodes:</td>
<td>None</td>
</tr>
<tr>
<td>Keywords:</td>
<td>household number</td>
</tr>
<tr>
<td>Notes:</td>
<td>Use this variable in combination with SRVY_YR to identify individual households.</td>
</tr>
</tbody>
</table>

### Interview Quarter

<table>
<thead>
<tr>
<th>Question ID:</th>
<th>IDN.000_25.000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Universe:</td>
<td>All households</td>
</tr>
<tr>
<td>Description:</td>
<td>All households</td>
</tr>
<tr>
<td>Sources:</td>
<td>None</td>
</tr>
<tr>
<td>Recodes:</td>
<td>None</td>
</tr>
<tr>
<td>Keywords:</td>
<td>None</td>
</tr>
<tr>
<td>Notes:</td>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Interview Quarter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Quarter 1</td>
</tr>
<tr>
<td>2 Quarter 2</td>
</tr>
<tr>
<td>3 Quarter 3</td>
</tr>
<tr>
<td>4 Quarter 4</td>
</tr>
</tbody>
</table>
## Sample Adult: Identification Fields

### Interview Month

<table>
<thead>
<tr>
<th>Month</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>January</td>
</tr>
<tr>
<td>02</td>
<td>February</td>
</tr>
<tr>
<td>03</td>
<td>March</td>
</tr>
<tr>
<td>04</td>
<td>April</td>
</tr>
<tr>
<td>05</td>
<td>May</td>
</tr>
<tr>
<td>06</td>
<td>June</td>
</tr>
<tr>
<td>07</td>
<td>July</td>
</tr>
<tr>
<td>08</td>
<td>August</td>
</tr>
<tr>
<td>09</td>
<td>September</td>
</tr>
<tr>
<td>10</td>
<td>October</td>
</tr>
<tr>
<td>11</td>
<td>November</td>
</tr>
<tr>
<td>12</td>
<td>December</td>
</tr>
</tbody>
</table>

### Family Number

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-25</td>
<td>Family number 1 - 25</td>
</tr>
</tbody>
</table>
### Question ID: IDN.000_40.000

**Instrument Variable Name:** FPX  
**Final Documentation Name:** FPX

#### Person Number

**Universe:** All persons  
**Description:** All persons  

**Sources:** None  
**Recodes:** None  
**Keywords:** person number  
**Notes:** Use this variable in combination with HHX, FMX, and SRVY_YR to identify individual persons.

#### Person Number (Within family)

| 01-25 | Person number 1 thru 25 |

### Question ID: IDN.000_65.000

**Instrument Variable Name:**  
**Final Documentation Name:** WTIA_SA

#### Weight - Interim Annual

**Universe:**  
**Description:**  

**Sources:** None  
**Recodes:** None  
**Keywords:** None  
**Notes:** Format of data has an implied decimal (XXXXXXX.X). This weight does not include post stratification adjustments (age, race/ethnicity, sex) to the civilian, non-institutionalized U.S. adult population using Census population controls.
Weight - Final Annual

### Question ID: IDN.000_70.000

**Instrument Variable Name:**

**Final Documentation Name:** WTFA_SA

**Universe:**

**Description:**

None

**Sources:**

None

**Recodes:**

None

**Keywords:**

None

**Notes:** This weight should be used for most sample adult analyses when using a full year of data. This weight includes post-stratification adjustments (age, race/ethnicity, sex) using Census Bureau population control totals. The sum of these weights is equal to the average of the civilian, noninstitutionalized U.S. population estimates for persons aged 18 and above for February, May, August, and November.

---

### Question ID: UCF.000_00.000 R09 RECODE

**Instrument Variable Name:**

**Final Documentation Name:** REGION

**Universe:** ALL

**Description:** All records

**Sources:** None

**Recodes:** None

**Keywords:** united states; region

**Notes:** Data from Unit Control File (CENREG).

**Region**

1 Northeast
2 Midwest
3 South
4 West
<table>
<thead>
<tr>
<th>Question ID: UCF.000_00.000</th>
<th>R15 RECODE</th>
<th>Instrument Variable Name:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Final Documentation Name: PSTRAT</td>
</tr>
</tbody>
</table>

**Universe:** ALL  
**Description:** All records  
**Sources:** None  
**Recodes:** None  
**Keywords:** None  
**Notes:** Pseudo-stratum variable for public use file variance estimation. Created by NCHS/ORM.

Pseudo-stratum for public-use file variance estimation

100-151  

<table>
<thead>
<tr>
<th>Question ID: UCF.000_00.000</th>
<th>R16 RECODE</th>
<th>Instrument Variable Name:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Final Documentation Name: PPSU</td>
</tr>
</tbody>
</table>

**Universe:** ALL  
**Description:** All records  
**Sources:** None  
**Recodes:** None  
**Keywords:** None  
**Notes:** Pseudo-PSU variable for public use file variance estimation. Created by NCHS/ORM.

Pseudo-PSU for public-use file variance estimation

001-164  

001-164 (with some gaps)
[Are/Is] [you/person] male or female?

Universe: HHSTAT NE 'D'
Description: All non-deleted persons

<table>
<thead>
<tr>
<th>Sex</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Male</td>
</tr>
<tr>
<td>2</td>
<td>Female</td>
</tr>
</tbody>
</table>
Please give me the number of the group that represents [your/ person's] Hispanic origin or ancestry.

**Universe:** AGE = All

**Description:** All persons

**Sources:** ORIGIN_I; HHC.180

**Recodes:** None

**Keywords:** ethnicity; national origin; ancestry

**Notes:** "Other-specify" responses were assigned to specific groups where possible. Respondents who selected the generic "Hispanic/Spanish" response category were assigned "09", and in cases where the respondent refused to answer Hispanic origin or didn't know it, this variable was assigned "10" and "11", respectively. When Hispanic origin was not ascertained, this variable was also assigned "11". In cases where "Other-specify" responses were determined to be non-Hispanic, this variable was assigned "12" for not Hispanic/Spanish origin, and ORIGIN_I was back coded to "2" or "No" (no group represented respondent's national origin). Respondents coded as "12" answered 2,7,8, or 9 in ORIGIN_I. Data came from HHC.170 & HHC.180.

**Hispanic subgroup detail**

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Multiple Hispanic</td>
</tr>
<tr>
<td>01</td>
<td>Puerto Rico</td>
</tr>
<tr>
<td>02</td>
<td>Mexican</td>
</tr>
<tr>
<td>03</td>
<td>Mexican-American</td>
</tr>
<tr>
<td>04</td>
<td>Cuban/Cuban American</td>
</tr>
<tr>
<td>05</td>
<td>Dominican (Republic)</td>
</tr>
<tr>
<td>06</td>
<td>Central or South American</td>
</tr>
<tr>
<td>07</td>
<td>Other Latin American, type not specified</td>
</tr>
<tr>
<td>08</td>
<td>Other Spanish</td>
</tr>
<tr>
<td>09</td>
<td>Hispanic/Latino/Spanish, non-specific type</td>
</tr>
<tr>
<td>10</td>
<td>Hispanic/Latino/Spanish, type refused</td>
</tr>
<tr>
<td>11</td>
<td>Hispanic/Latino/Spanish, type not ascertained</td>
</tr>
<tr>
<td>12</td>
<td>Not Hispanic/Spanish origin</td>
</tr>
</tbody>
</table>
Recode of full detail race groups

Universe: AGE = All
Description: All persons

Sources: RACFUL12
Recodes: HRACER12
Keywords: race; new OMB race standards
Notes: This recode contains detail for the 5 OMB race groups, and a multiple race group. This recode does not include information provided in HHC.220 for multiple race mentions (the "primary" race). "Other Race" and "Unspecified Multiple race" are no longer available as separate race responses. These response categories are treated as missing, and the race is imputed if these are the only race responses. * Data not releasable due to respondent confidentiality or for other reasons.

OMB groups w/ multiple race

<table>
<thead>
<tr>
<th>Code</th>
<th>Race Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>White only</td>
</tr>
<tr>
<td>02</td>
<td>Black/African American only</td>
</tr>
<tr>
<td>03</td>
<td>AIAN only</td>
</tr>
<tr>
<td>04</td>
<td>Asian only</td>
</tr>
<tr>
<td>05</td>
<td>Race group not releasable*</td>
</tr>
<tr>
<td>06</td>
<td>Multiple race</td>
</tr>
</tbody>
</table>
Question ID: HHC.200_01.000 R21 RECODE

Instrument Variable Name:

Final Documentation Name: MRACRPI2

Recode

Universe: AGE = All

Description: All persons

Sources: HHC.200; HHC.220

Recodes: None

Keywords: race; old OMB race standards

Notes: This variable identifies the primary or main race reported by the respondent. Data came from HHC.200 and HHC.220. "Other Race" and "Unspecified Multiple race" are no longer available as separate race responses. These response categories are treated as missing, and the race is imputed if these are the only race responses. If only one valid race was given, that answer was copied from RACE1 to here. If more than one race was given, the response was copied from MLTRAC (HHC.220). *Other Asian - this category includes Korean, Vietnamese, Japanese, and other Asian subgroups. ** Data not releasable due to respondent confidentiality or for other reasons.

Race coded to single/multiple race group

01 White
02 Black/African American
03 Indian (American), Alaska Native
09 Asian Indian
10 Chinese
11 Filipino
15 Other Asian*
16 Primary race not releasable**
17 Multiple race, no primary race selected
Question ID: HHC.200_01.000  R22 RECODE  Instrument Variable Name:  
Final Documentation Name: MRACBPI2

Recode

Universe: AGE = All  
Description: All persons  
Sources: HHC.200; HHC.220  
Recodes: None  
Keywords: race; old OMB race standards; bridge variable  
Notes: MRACBPI2 creates a bridge between the old (MRACE_P in 1997 and 1998) and the new OMB race standards (MRACER_P in 1999, MRACRP_I in 2000, 2001 and 2002, and MRACRPI2 in 2003 and beyond). Data came from HHC.200 and HHC.220. If only one valid race was given, that answer was copied from RACE1 to here. If more than one race was given, the response was copied from MLTRAC (HHC.220). When comparing NHIS health measures across years by detailed race categories, MRACBPI2 should be used. For confidentiality reasons, it is not possible to create a bridge for the API (Asian and Pacific Islander) category. * Other race is included here for bridging purposes.

Race coded to single/multiple race group

<table>
<thead>
<tr>
<th>Code</th>
<th>Race Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>White</td>
</tr>
<tr>
<td>02</td>
<td>Black/African American</td>
</tr>
<tr>
<td>03</td>
<td>Indian (American) (includes Eskimo, Aleut)</td>
</tr>
<tr>
<td>06</td>
<td>Chinese</td>
</tr>
<tr>
<td>07</td>
<td>Filipino</td>
</tr>
<tr>
<td>12</td>
<td>Asian Indian</td>
</tr>
<tr>
<td>16</td>
<td>Other race*</td>
</tr>
<tr>
<td>17</td>
<td>Multiple race, no primary race selected</td>
</tr>
</tbody>
</table>

Question ID: HHC.420_00.000  R01 RECODE  Instrument Variable Name:  
Final Documentation Name: AGE_P

Recode

Universe: AGE = All  
Description: All persons  
Sources: AGE  
Recodes: None  
Keywords: age  
Notes: In most cases, data on age came from HHC.120. Because age is an important variable for instrument check items and in developing the weights, all respondents must have data on age. A series of questions in the instrument from HHC.124 through HHC.165 attempted to collect data on age when age was not given in HHC.120.

Age

<table>
<thead>
<tr>
<th>Code</th>
<th>Age Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Under 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>1-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
</tbody>
</table>
[Are/Is] [you/person] now married, widowed, divorced, separated, never married, or living with a partner?

**Universe:** AGE = All

**Description:** All persons aged 14 or older

**Sources:** MARITAL, SPOUS, AGE

**Recodes:** None

**Keywords:** marital status

**Notes:** None

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

### Marital Status

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Under 14 years</td>
</tr>
<tr>
<td>1</td>
<td>Married - spouse in household</td>
</tr>
<tr>
<td>2</td>
<td>Married - spouse not in household</td>
</tr>
<tr>
<td>3</td>
<td>Married - spouse in household unknown</td>
</tr>
<tr>
<td>4</td>
<td>Widowed</td>
</tr>
<tr>
<td>5</td>
<td>Divorced</td>
</tr>
<tr>
<td>6</td>
<td>Separated</td>
</tr>
<tr>
<td>7</td>
<td>Never married</td>
</tr>
<tr>
<td>8</td>
<td>Living with partner</td>
</tr>
<tr>
<td>9</td>
<td>Unknown marital status</td>
</tr>
</tbody>
</table>

### Question ID: FID.250_00.000

**Instrument Variable Name:** MS1-MS25

**Final Documentation Name:** R_MARITL

---

### Question ID: FID.R01.RECODE

**Instrument Variable Name:** PAR_STAT

**Final Documentation Name:** PAR_STAT

**Universe:** ASTATFLG = 1

**Description:** All sample adults

**Sources:** ASTATFLG, CSTATFLG, AGE, FPX, FFATHER1, FMOTHER1

**Recodes:** None

**Keywords:** parental status

**Notes:** New recode for 2015. PAR_STAT indicates whether the Sample Adult is a parent (type of relationship is not taken into account) of any child under age 18 who is not emancipated and resides in the same family as the Sample Adult. In cases where a household consists of 2 or more families, PAR_STAT reflects the parental status of the sample adult in each family. Information on non-residential children of Sample Adults is not available on the NHIS.

Sample adult is parent to 1+ minor child(ren) in the family

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes, the Sample Adult is a parent of a child residing in the family</td>
</tr>
<tr>
<td>2</td>
<td>There are minor children residing in the family but the Sample Adult is not their parent</td>
</tr>
<tr>
<td>3</td>
<td>There are no minor children residing in the family</td>
</tr>
<tr>
<td>9</td>
<td>Unknown</td>
</tr>
</tbody>
</table>
The sample adult person is [fill: ALIAS of Sample Adult]. The next questions must be answered by this person. **Probe as necessary to determine the availability of [fill: ALIAS of Sample Adult].**

**Universe:** ASTATFLG = '1'

**Description:** Sample adults aged 18+ years

### Sample adult status

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Physical or mental condition prohibits responding</td>
</tr>
<tr>
<td>2</td>
<td>Sample adult is able to respond</td>
</tr>
<tr>
<td>3</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

### Question ID: AID.010_00.000

* Proxy interviews can be done for sample adults who have a mental or physical condition that prevents them from responding for themselves.

**Is a family member or caregiver that is knowledgeable about [fill: ALIAS of Sample Adult]'s health available?**

**Universe:** PROXYSA = '1'

**Description:** Sample Adult's physical or mental condition prohibits responding.

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
</tbody>
</table>
What is this person's relationship to [fill: ALIAS of Sample Adult]?

Universe:  PROX1 = '1'
Description:  Knowledgeable proxy is available.

Sources:  None
Recodes:  None
Keywords:  None
Notes:  None

Relationship of SA proxy to SA

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Relative who lives in household</td>
</tr>
<tr>
<td>2</td>
<td>Relative who doesn't live in household</td>
</tr>
<tr>
<td>3</td>
<td>Other caregiver</td>
</tr>
<tr>
<td>4</td>
<td>Other</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Late Sample Adult interviews

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Started Sample Adult Core 2+ weeks after the initial interview</td>
</tr>
<tr>
<td>2</td>
<td>Started Sample Adult Core less than 2 weeks after the initial interview</td>
</tr>
</tbody>
</table>
**Question ID:** FDB.001_00.000

Instrument Variable Name: FDRN_FLG

Final Documentation Name: FDRN_FLG

**Disability Questions flag**

1. Families selected to receive AFD (sample adults) section
2. Families selected to receive FDB (all persons 1 year and older) section

**Question ID:** ASD.062_00.000

Instrument Variable Name: DOINGLW2

Final Documentation Name: DOINGLWA

**Corrected Employment Status Last Week**

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: working; not working; looking for work

Notes: DOINGLWA is the ASD equivalent of DOINGLWP in the FSD section (and both variables replace DOINGLW1, the employment status indicator found in previous NHIS data years). For the majority of respondents, DOINGLWA and DOINGLWP will have the same values across their respective data files. However, it is possible that DOINGLWA and DOINGLWP may not be consistent. Users wishing to reconcile any discrepant values are advised to use the values of DOINGLWA rather than DOINGLWP since the information obtained from the family respondent during the FSD portion of the interview was subsequently confirmed and corrected by the sample adult during his or her ASD interview.

Corrected employment status last week

1. Working for pay at a job or business
2. With a job or business but not at work
3. Looking for work
4. Working, but not for pay, at a family-owned job or business
5. Not working at a job or business and not looking for work
6. Refused
7. Not ascertained
8. Don't know
Question ID: ASD.065_00.000

Instrument Variable Name: WHYNOWK2

Final Documentation Name: WHYNOWKA

[If (DOINGLWA = '2'): What is the main reason you did not work last week? [Else if DOINGLWA = '5']: What is the main reason you did not have a job or business last week?

Universe: ASTATFLG = '1' and AGE GE '018' and AGE not IN ('997','999') and DOINGLWA = '2','5'

Description: Sample adults aged 18+ years whose corrected working status last week was not working at a job or business and not looking for work or with a job or business but not at work

Sources: None

Recodes: None

Keywords: not working; unemployed; retired; keeping house

Notes: WHYNOWKA is the ASD equivalent of WHYNOWKP in the FSD section (and both variables replace WHYNOWK1, the variable that supplied reason for not working in previous NHIS data years). For the majority of respondents, WHYNOWKA and WHYNOWKP will have the same values across their respective data files. However, it is possible that WHYNOWKA and WHYNOWKP may not be consistent. Users wishing to reconcile any discrepant values are advised to use the values of WHYNOWKA rather than WHYNOWKP since the information obtained from the family respondent during the FSD portion of the interview was subsequently confirmed and corrected by the sample adult during his or her ASD interview.

Main reason for not working last week

01 Taking care of house or family
02 Going to school
03 Retired
04 On a planned vacation from work
05 On family or maternity leave
06 Temporarily unable to work for health reasons
07 Have job or contract and off-season
08 On layoff
09 Disabled
10 Other
97 Refused
98 Not ascertained
99 Don't know
**2016 NATIONAL HEALTH INTERVIEW SURVEY**

**Sample Adult**

**samadult : Adult Socio-Demographic**

**PUBLIC USE**

**Document Version Date: 13-Jun-17**

**Question ID:** ASD.066_00.000

**Instrument Variable Name:** EVERWRK

**Final Documentation Name:** EVERWRK

---

**Have you ever held a job or worked at a business?**

**Universe:** ASTATFLG = '1' and AGE GE '018' and AGE not IN ('997','999') and DOINGLWA = '3','5','7','9'

**Description:** Sample adults aged 18+ years who were NOT working at a job or business and not looking for work or looking for work last week or didn't know or refused to provide their employment status last week

**Sources:** None

**Recodes:** None

**Keywords:** work; employment

**Notes:** Please see the Survey Description Document for more information.

**Ever worked**

|   | 
|---|---|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

---

**Question ID:** ASD.080_00.000

**R05 RECODE**

**Instrument Variable Name:**

Final Documentation Name: INDSTRN1

---

**Universes:**

A. ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (DOINGLWA = 1, 2, 4 or EVERWRK = 1)

**Description:** Sample adults aged 18+ years who were working at a paying job last week, with a job or business but not at work, working at a non-paying job last week, or who had ever worked

**Sources:** INDSTRYN; KINDIND

**Recodes:** None

**Keywords:** work; business; industry

**Notes:** This is the 2-digit detailed industry recode based on the 2012 NAICS-informed codes obtained from Census. The universe for this variable includes all persons who had ever worked as well as those who are currently working. Please see the Survey Description Document for more information.

Detailed industry classification based on 2012 Census codes

<table>
<thead>
<tr>
<th>All Values</th>
<th>See Industry Appendix at the end of the Sample Adult Documentation for response categories and labels,</th>
</tr>
</thead>
</table>
Question ID: ASD.080_00.000  R06 RECODE  Instrument Variable Name:
                        Final Documentation Name: INDSTRN2

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (DOINGLWA = 1, 2, 4 or EVERWRK = 1)
Description: Sample adults aged 18+ years who were working at a paying job last week, with a job or business but not at work, working at a non-paying job last week, or who had ever worked

Sources: INSDTRYN; KINDIND
Recodes: None
Keywords: work; business; industry
Notes: This is the 2-digit simple industry recode based on the 2012 NAICS-informed codes obtained from Census. The universe for this variable includes all persons who had ever worked as well as those who are currently working. Please see the Survey Description Document for more information.

Simple industry classification based on 2012 Census codes
All Values  See Industry Appendix at the end of the Sample Adult Documentation for response categories and labels.

Question ID: ASD.090_00.000  R05 RECODE  Instrument Variable Name:
                        Final Documentation Name: OCCUPN1

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (DOINGLWA = 1, 2, 4 or EVERWRK = 1)
Description: Sample adults aged 18+ years who were working at a paying job last week, with a job or business but not at work, working at a non-paying job last week, or who had ever worked

Sources: OCCUPN; KINDWRK
Recodes: None
Keywords: work; employment; occupation
Notes: This is the 2-digit detailed occupation recode based on the 2010 SOC-informed codes obtained from Census. The universe for this variable includes all persons who had ever worked as well as those who are currently working. Please see the Survey Description Document for more information.

Detailed occupation classification based on 2010 Census Codes
All Values  See Occupation Appendix at the end of the Sample Adult documentation for response categories and labels.
<table>
<thead>
<tr>
<th>Question ID: ASD.090_00.000</th>
<th>R06 RECODE</th>
<th>Instrument Variable Name:</th>
<th>Final Documentation Name: OCCUPN2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (DOINGLWA = 1, 2, 4 or EVERWRK = 1)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Description: Sample adults aged 18+ years who were working at a paying job last week, with a job or business but not at work, working at a non-paying job last week, or who had ever worked</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sources: OCCUPN; KINDWRK</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recodes: None</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Keywords: work; employment; occupation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Notes: This is the 2-digit simple occupation recode based on the 2010 SOC-informed codes obtained from Census. The universe for this variable includes all persons who had ever worked as well as those who are currently working. Please see the Survey Description Document for more information.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Simple occupation classification based on 2010 Census codes

All Values See Occupation Appendix at the end of the Sample Adult documentation for response categories and labels.

<table>
<thead>
<tr>
<th>Question ID: ASD.105_00.010</th>
<th>Instrument Variable Name: SUPERVIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Did you supervise other employees as part of your job?</td>
<td></td>
</tr>
<tr>
<td>Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (DOINGLWA IN (1',2',4') or EVERWRK='1')</td>
<td></td>
</tr>
<tr>
<td>Description: Sample adults 18+ who were working last week, or who were with a job or business but not at work, or who were working but not for pay at a family-owned job or business, or who have ever worked</td>
<td></td>
</tr>
<tr>
<td>Sources: None</td>
<td></td>
</tr>
<tr>
<td>Recodes: None</td>
<td></td>
</tr>
<tr>
<td>Keywords: supervise; supervisor</td>
<td></td>
</tr>
<tr>
<td>Notes: This question was part of the 2015 Occupational Health Supplement, and is being continued in 2016.</td>
<td></td>
</tr>
</tbody>
</table>

Supervise other employees as part of job

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: ASD.110_00.000

Instrument Variable Name: WRKCAT

Final Documentation Name: WRKCATA

FR: SHOW FLASHCARD A1. [If DOINGLWA eq <1,2,4>]: Looking at the card, which of these best describes your current job or work situation? [Else if EVERWRK eq <1> and [WHYNOWKA eq '03' or AGE ge '065']]: Looking at the card, which of these best describes the job you held for the longest time? [Else if EVERWRK eq <1> and WHYNOWKA ne '03' and AGE lt '065']]: Looking at the card, which of these best describes the job you held most recently?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (DOINGLWA IN ('1','2','4') or EVERWRK = '1')

Description: Sample adults aged 18+ years who were working last week, or who were with a job or business but not at work, or who were working, but not for pay, at a family-owned job or business, or who have ever worked

Sources: None

Recodes: None

Keywords: work; employee; class of worker

Notes: The universe for this variable includes all persons who had ever worked as well as those who were currently working.

Class of worker

1  Employee of a PRIVATE company for wages
2  A FEDERAL government employee
3  A STATE government employee
4  A LOCAL government employee
5  Self-employed in OWN business, professional practice or farm
6  Working WITHOUT PAY in a family-owned business or farm
7  Refused
8  Not ascertained
9  Don't know
## Question ID: ASD.112_00.000

**Instrument Variable Name:** BUSINC  
**Final Documentation Name:** BUSINC1A

### Is this business incorporated?

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and WRKCATA = '5'

**Description:** Sample adults aged 18+ years who are self-employed

**Sources:** None

**Recodes:** None

**Keywords:** work; self-employment

**Notes:** None
Thinking about
(Fill1: this MAIN job or business)
(Fill2: your last week at the job you held the longest)
(Fill3: your last week at the job you held most recently)

how many people (Fill4: work / Fill5: worked) at this location? Please include yourself.

* "People" includes both FULL- and PART-time employees.
* "Location" refers to the street address of the workplace.

Universe:
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (DOINGLWA IN ('1','2','4') or EVERWRK = '1')

Description:
Sample adults GE 18 years who were working last week, or who were with a job or business but not at work, or who were working, but not for pay, at a family-owned job or business, or who have ever worked

Sources:
None
Recodes:
None
Keywords:
work; employment; employees
Notes:
New variable for 2015. Users should combine categories ‘01’ and ‘02’ of LOCAL1B to make it comparable to LOCAL1A.

<table>
<thead>
<tr>
<th>Number of employees at work</th>
<th>01</th>
<th>1 employee</th>
</tr>
</thead>
<tbody>
<tr>
<td>02</td>
<td>2-9 employees</td>
<td></td>
</tr>
<tr>
<td>03</td>
<td>10-24 employees</td>
<td></td>
</tr>
<tr>
<td>04</td>
<td>25-49 employees</td>
<td></td>
</tr>
<tr>
<td>05</td>
<td>50-99 employees</td>
<td></td>
</tr>
<tr>
<td>06</td>
<td>100-249 employees</td>
<td></td>
</tr>
<tr>
<td>07</td>
<td>250-499 employees</td>
<td></td>
</tr>
<tr>
<td>08</td>
<td>500-999 employees</td>
<td></td>
</tr>
<tr>
<td>09</td>
<td>1000 employees or more</td>
<td></td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
<td></td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
<td></td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
<td></td>
</tr>
</tbody>
</table>
### Question ID: ASD.140_02.000

**Instrument Variable Name:** YRSWRKPA

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (DOINGLWA IN ('1', '2', '4') or EVERWRK = '1')

**Description:** Sample adults aged 18+ years who were working last week, or who were with a job or business but not at work, or who were working, but not for pay, at a family-owned job or business, or who have ever worked

**Sources:** WRKLNNGSA

**Recodes:** None

**Keywords:** work; job; employment duration

**Notes:** The universe for this variable includes all persons who had ever worked as well as those who were currently working.

#### Number of years on the job

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-34</td>
<td>01-34 years</td>
</tr>
<tr>
<td>35</td>
<td>35 or more years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

### Question ID: ASD.146_00.000

**Instrument Variable Name:** WRKLONGH

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (DOINGLWA IN ('1', '2', '4') or (EVERWRK = '1' and WHYNOWKA NE '03' and (AGE LT '065' and AGE NE ' ')))]

**Description:** Sample adults aged 18+ years who were working last week, or who were with a job or business but not at work, or who were working, but not for pay, at a family-owned job or business, or had ever worked and were not retired and were younger than age 65

**Sources:** None

**Recodes:** None

**Keywords:** work; job; employment duration

**Notes:** None

#### Current/most recent job also longest held job

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**2016 NATIONAL HEALTH INTERVIEW SURVEY**

Sample Adult

**samadult : Adult Socio-Demographic**

PUBLIC USE

**Document Version Date: 13-Jun-17**

**Question ID:** ASD.150_00.000  
**Instrument Variable Name:** HOURPD  
**Final Documentation Name:** HOURPDA

[If DOINGLWA eq <1,2,4>]: Are you paid by the hour at this MAIN job or business? [Else if EVERWRK eq <1> and (WHYNOWKA eq '03' or AGE ge '065')]: Were you paid by the hour on the job you held the longest? [Else if EVERWRK eq <1> and (WHYNOWKA ne '03' and AGE lt '065')]: Were you paid by the hour on the job you held most recently?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (DOINGLWA IN ('1','2','4') or (EVERWRK = '1'))

**Description:** Sample adults aged 18+ years who were working last week, or who were with a job or business but not at work, or who were working, but not for pay, at a family-owned job or business, or who have ever worked

**Sources:** None

**Recodes:** None

**Keywords:** work; job; hourly wage

**Notes:** The universe for this variable includes all persons who had ever worked as well as those who were currently working.

Paid by the hour at current or most recent job

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
[If DOINGLWA eq <1,2,4>]: Do you have paid sick leave on this MAIN job or business? [Else if EVERWRK eq <1> and (WHYNOWKA eq '03' or AGE ge '065')]: Did you ever have paid sick leave on the job you held the longest? [Else if EVERWRK eq <1> and (WHYNOWKA ne '03' and AGE lt '065')]: Did you ever have paid sick leave on the job you held most recently?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (DOINGLWA IN ('1','2','4') or EVERWRK = '1')

Description: Sample adults aged 18+ years who were working last week, or who were with a job or business but not at work, or who were working, but not for pay, at a family-owned job or business, or who have ever worked

Sources: None
Recodes: None
Keywords: work; job; sick leave
Notes: The universe for this variable includes all persons who had ever worked as well as those who were currently working.

Paid sick leave at current or most recent job
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Do you have more than one job or business?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (DOINGLWA IN ('1','2','4')

Description: Sample adults aged 18+ years who were working last week, or who were with a job or business but not at work, or who were working, but not for pay, at a family-owned job or business

Sources: None
Recodes: None
Keywords: work; job; employment
Notes: None

Have more than one job
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Did you have a job or business at any time in the PAST 12 MONTHS?

**Universe:**  
ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999'))

**Description:**  
Sample adults aged 18+ years

**Sources:**  
DOINGLWA, EVERWRK, WRKLYR2(\textit{i})

**Recodes:**  
None

**Keywords:**  
unemployed; employed

**Notes:**  
This variable was formerly located in the AHS section (where it was called WRKLYR3) and is comparable to earlier AHS versions. It has been in the ASD section since 2010.

<table>
<thead>
<tr>
<th>Work status: last week, past 12 months</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Had job last week</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>No job last week, had job past 12 months</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>No job last week, no job past 12 months</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Never worked</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
<td></td>
</tr>
</tbody>
</table>

---

**Question ID:** ACN.010_00.000  
**Instrument Variable Name:** HYPEV

Now I am going to ask you about certain medical conditions. Have you EVER been told by a doctor or other health professional that you had... Hypertension, also called high blood pressure?

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:**  
Sample adults aged 18+ years

**Sources:**  
None

**Recodes:**  
None

**Keywords:**  
circulatory disease; hypertension; high blood pressure

**Notes:**  
None

**Ever been told you have hypertension**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Were you told on two or more DIFFERENT visits that you had hypertension, also called high blood pressure?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and HYPEV = '1'
Description: Sample adults aged 18+ years who were ever told they had hypertension

Sources: None
Recodes: None
Keywords: circulatory disease; hypertension; high blood pressure
Notes: None

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

DURING THE PAST 12 MONTHS, have you had hypertension, also called high blood pressure?

*Enter '1' if respondent is taking medication to control his/her high blood pressure.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and HYPEV = '1' and HYPDIFV='1'
Description: Sample adults 18+ who were ever told they had hypertension and were told they had hypertension on 2+ visits

Sources: None
Recodes: None
Keywords: hypertension; high blood pressure
Notes: A version of this variable appeared in 2012 in the Adult Conditions Section (ACN) on the Sample Adult file (HYPYR, ACN.020_00.010), but did not account for adults who were taking medication to control high blood pressure.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Was any medicine EVER prescribed by a doctor for your high blood pressure?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and HYPEV='1'

Description: Sample adults 18+ who have ever been told they had high blood pressure

Sources: None
Recodes: None
Keywords: hypertension; high blood pressure; medication
Notes: None

Ever prescribed medicine for high blood pressure

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Are you NOW taking any medicine prescribed by a doctor for your high blood pressure?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and HYPMDEV2='1'

Description: Sample adults 18+ who were ever prescribed medicine for high blood pressure

Sources: None
Recodes: None
Keywords: hypertension; high blood pressure; medication
Notes: None

Now taking prescribed medicine for high blood pressure

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Have you EVER been told by a doctor or other health professional that you had high cholesterol?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults 18+

<p>| | |</p>
<table>
<thead>
<tr>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

---

DURING THE PAST 12 MONTHS, have you had high cholesterol?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CHLEV='1'

**Description:** Sample adults 18+ who were ever told they had high cholesterol

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Was any medication EVER prescribed by a doctor to help lower your cholesterol?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))and CHLEV='1'

Description: Sample adults 18+ who have ever been told they had high cholesterol

Sources: None
Recodes: None
Keywords: cholesterol; medication
Notes: None

Ever prescribed medicine to lower cholesterol

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Are you NOW taking any medicine prescribed by a doctor to help lower your cholesterol?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))and CHLMDEV2='1'

Description: Sample adults 18+ who were ever prescribed medicine for high cholesterol

Sources: None
Recodes: None
Keywords: cholesterol; medication
Notes: None

Now taking prescribed medicine to lower cholesterol

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** ACN.031_01.000

**Instrument Variable Name:** CHDEV

**Final Documentation Name:** CHDEV

**Have you EVER been told by a doctor or other health professional that you had ... Coronary heart disease?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** None

**Keywords:** coronary; ischemic; heart disease; myocardial infarction; angina

**Notes:** None

Ever been told you had coronary heart disease

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**Question ID:** ACN.031_02.000

**Instrument Variable Name:** ANGEV

**Final Documentation Name:** ANGEV

**Have you EVER been told by a doctor or other health professional that you had ... Angina, also called angina pectoris?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** None

**Keywords:** coronary; ischemic; heart disease; angina

**Notes:** None

Ever been told you had angina pectoris

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Have you EVER been told by a doctor or other health professional that you had ...A heart attack (also called myocardial infarction)

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Ever been told you had a heart attack

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know

Have you EVER been told by a doctor or other health professional that you had ...Any kind of heart condition or heart disease (other than the ones I just asked about)?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Ever been told you had a heart condition/disease

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
Have you EVER been told by a doctor or other health professional that you had...A stroke?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: cerebrovascular disease; stroke; transient ischemic attack

Notes: None

Ever been told you had a stroke

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know

Have you EVER been told by a doctor or other health professional that you had...Emphysema?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: respiratory disease; emphysema; chronic obstructive lung disease

Notes: None

Ever been told you had emphysema

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
Have you EVER been told by a doctor or other health professional that you had chronic obstructive pulmonary disease, also called COPD?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997', '999'))

Description: Sample adults 18+

Ever been told you had COPD

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know

Has a doctor or other health professional EVER told you to take a low-dose aspirin each day to prevent or control heart disease?

* If the respondent volunteers they have been told to take an aspirin every other day or “regularly” for these reasons, enter 1 for “yes.”

Universe: ASTATFLG='1' and (AGE GE '040' and AGE not IN ('997', '999'))

Description: Sample adults 40+

Ever been told to take low-dose aspirin

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
### Question ID: ACN.040_00.020

**Instrument Variable Name:** ASPMEDAD  
**Final Documentation Name:** ASPMEDAD

**Question:** Are you NOW following this advice?  

* If the respondent provides an answer such as “sometimes,” “occasionally,” or “from time to time,” enter 1 for “yes.”

**Universe:** ASTATFLG='1' and (AGE GE '040' and AGE not IN('997','999')) and ASPMEDEV = '1'

**Description:** Sample adults 40+ who have ever been advised to take a low-dose aspirin every day to prevent or control heart disease

**Sources:** None  
**Recodes:** None  
**Keywords:** low-dose aspirin; heart disease  
**Notes:** None

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### Question ID: ACN.040_00.030

**Instrument Variable Name:** ASPMDMED  
**Final Documentation Name:** ASPMDMED

**Question:** Did a doctor or other health professional advise you to stop taking a low-dose aspirin every day?  

**Universe:** ASTATFLG='1' and (AGE GE '040' and AGE not IN('997','999')) and ASPMEDEV='1' and ASPMEDAD='2'

**Description:** Sample adults 40+ who have ever been advised to take aspirin every day, but are not currently following that advice

**Sources:** None  
**Recodes:** None  
**Keywords:** low-dose aspirin; heart aspirin  
**Notes:** None

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On your own, are you now taking a low-dose aspirin each day to prevent or control heart disease?

* If the respondent volunteers they are taking an aspirin every other day or "regularly" for these reasons, enter 1 for "yes."

Universe: ASTATFLG='1' and (AGE GE '040' and AGE not IN('997','999')) and ASPMEDEV IN('2','7','9')

Description: Sample adults 40+ who have not been advised to take aspirin every day or Ref/DK if they have been advised to take aspirin every day

Sources: None

Recodes: None

Keywords: low-dose aspirin; heart disease

Notes: None

Taking low-dose aspirin on own

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Have you EVER been told by a doctor or other health professional that you had asthma?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: respiratory disease; asthma; trouble breathing

Notes: None

Ever been told you had asthma

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
### Do you still have asthma?

**Question ID:** ACN.085_00.000  
**Instrument Variable Name:** AASSTILL  
**Final Documentation Name:** AASSTILL  

**Do you still have asthma?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AASMEV = '1'

**Description:** Sample adults aged 18+ years who were ever told they have asthma

**Sources:** None  
**Recodes:** None  
**Keywords:** respiratory disease; asthma; trouble breathing  
**Notes:** None

**Still have asthma**

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### DURING THE PAST 12 MONTHS, have you had an episode of asthma or an asthma attack?

**Question ID:** ACN.090_00.000  
**Instrument Variable Name:** AASMYR  
**Final Documentation Name:** AASMYR

**DURING THE PAST 12 MONTHS, have you had an episode of asthma or an asthma attack?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AASMEV = '1'

**Description:** Sample adults aged 18+ years who were ever told they had asthma

**Sources:** None  
**Recodes:** None  
**Keywords:** respiratory disease; asthma; trouble breathing  
**Notes:** None

**Had an asthma episode/attack past 12 m**

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2016 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 13-Jun-17

Question ID: ACN.100_00.000
Instrument Variable Name: AASMERYR
Final Documentation Name: AASERYR1

DURING THE PAST 12 MONTHS, have you had to visit an emergency room or urgent care center because of asthma?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AASMEV='1'
Description: Sample adults aged 18+ years who were ever told they had asthma

Sources: None
Recodes: None
Keywords: respiratory disease; asthma; asthma emergency
Notes: None

Had visit to ER due to asthma past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Question ID: ACN.110_00.000
Instrument Variable Name: ULCEV
Final Documentation Name: ULCEV

Have you EVER been told by a doctor or other health professional that you had...An ulcer? This could be a stomach, duodenal or peptic ulcer.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: digestive disease; ulcer; stomach trouble; duodenal; peptic
Notes: None

Ever been told you have an ulcer

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** ACN.120_00.0000  
**Instrument Variable Name:** ULCYR  
**Final Documentation Name:** ULCYR

**DURING THE PAST 12 MONTHS have you had an ulcer?**

- **Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and ULCEV = '1'
- **Description:** Sample adults aged 18+ years who were ever told they had an ulcer

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**Question ID:** ACN.120_00.010  
**Instrument Variable Name:** ULCCOLEV  
**Final Documentation Name:** ULCCOLEV

**Have you EVER been told by a doctor or other health professional that you had Crohn's disease or ulcerative colitis?**

- **Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))
- **Description:** Sample adults 18+

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</table>
Have you EVER been told by a doctor or other health professional that you had...Cancer or a malignancy of any kind?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Ever told by a doctor you had cancer

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know

What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'

Description: Sample adults aged 18+ years who were ever told they had cancer

What kind of cancer ... Bladder

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
### Question ID: ACN.140_02.000

**Instrument Variable Name:** CANKIND_1-CANKIND_3  
**Final Documentation Name:** CNKIND2

**What kind of cancer was it?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'

**Description:** Sample adults aged 18+ years who were ever told they had cancer

**Sources:** None  
**Recodes:** None  
**Keywords:** cancer; blood neoplasms  
**Notes:** Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

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### Question ID: ACN.140_03.000

**Instrument Variable Name:** CANKIND_1-CANKIND_3  
**Final Documentation Name:** CNKIND3

**What kind of cancer was it?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'

**Description:** Sample adults aged 18+ years who were ever told they had cancer

**Sources:** None  
**Recodes:** None  
**Keywords:** cancer; bone neoplasms  
**Notes:** Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

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</table>
What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'
Description: Sample adults aged 18+ years who were ever told they had cancer

Sources: None
Recodes: None
Keywords: cancer; brain neoplasms
Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Brain

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know

What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'
Description: Sample adults aged 18+ years who were ever told they had cancer

Sources: None
Recodes: None
Keywords: cancer; breast neoplasms
Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Breast

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1' and SEX = '2'

Description: Sample Female adults aged 18+ years who were ever told they had cancer

Sources: None
Recodes: None
Keywords: cancer; cervix neoplasms
Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Cervix
1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know

What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'

Description: Sample adults aged 18+ years who were ever told they had cancer

Sources: None
Recodes: None
Keywords: cancer; colonic neoplasms
Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Colon
1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
**Question ID:** ACN.140_08.000  
**Instrument Variable Name:** CANKIND_1-CANKIND_3  
**Final Documentation Name:** CNKIND8

**What kind of cancer was it?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'  
**Description:** Sample adults aged 18+ years who were ever told they had cancer

**Sources:** None  
**Recodes:** None  
**Keywords:** cancer; esophageal neoplasms  
**Notes:** Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Esophagus

1  Mentioned  
2  Not mentioned  
7  Refused  
8  Not ascertained  
9  Don't know

---

**Question ID:** ACN.140_09.000  
**Instrument Variable Name:** CANKIND_1-CANKIND_3  
**Final Documentation Name:** CNKIND9

**What kind of cancer was it?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'  
**Description:** Sample adults aged 18+ years who were ever told they had cancer

**Sources:** None  
**Recodes:** None  
**Keywords:** cancer; gallbladder neoplasms  
**Notes:** Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Gallbladder

1  Mentioned  
2  Not mentioned  
7  Refused  
8  Not ascertained  
9  Don't know
What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'

Description: Sample adults aged 18+ years who were ever told they had cancer

Sources: None
Recodes: None
Keywords: cancer; kidney neoplasms

Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Kidney

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know

What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'

Description: Sample adults aged 18+ years who were ever told they had cancer

Sources: None
Recodes: None
Keywords: cancer; laryngeal neoplasms

Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... larynx-windpipe

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What kind of cancer was it?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'

**Description:** Sample adults aged 18+ years who were ever told they had cancer

**Sources:** None

**Recodes:** None

**Keywords:** cancer; blood neoplasms; leukemia

**Notes:** Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Leukemia

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What kind of cancer was it?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'

**Description:** Sample adults aged 18+ years who were ever told they had cancer

**Sources:** None

**Recodes:** None

**Keywords:** cancer; liver neoplasms

**Notes:** Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Liver

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</table>
What kind of cancer was it?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'

**Description:** Sample adults aged 18+ years who were ever told they had cancer

**Sources:** None

**Recodes:** None

**Keywords:** cancer; lung neoplasms

**Notes:** Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Lung

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know

---

What kind of cancer was it?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'

**Description:** Sample adults aged 18+ years who were ever told they had cancer

**Sources:** None

**Recodes:** None

**Keywords:** cancer; lymphoma neoplasms

**Notes:** Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Lymphoma

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** ACN.140_16.000  
**Instrument Variable Name:** CANKIND_1-CANKIND_3  
**Final Documentation Name:** CNKIND16

**What kind of cancer was it?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'

**Description:** Sample adults aged 18+ years who were ever told they had cancer

**Sources:** None

**Recodes:** None

**Keywords:** cancer; melanoma neoplasms

**Notes:** Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

**What kind of cancer ... Melanoma**

1. Mentioned
2. Not mentioned
7. Refused
8. Not ascertained
9. Don't know

---

**Question ID:** ACN.140_17.000  
**Instrument Variable Name:** CANKIND_1-CANKIND_3  
**Final Documentation Name:** CNKIND17

**What kind of cancer was it?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'

**Description:** Sample adults aged 18+ years who were ever told they had cancer

**Sources:** None

**Recodes:** None

**Keywords:** cancer; mouth neoplasms; tongue neoplasms; lip neoplasms

**Notes:** Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

**What kind of cancer ... mouth/tongue/lip**

1. Mentioned
2. Not mentioned
7. Refused
8. Not ascertained
9. Don't know
**Question ID:** ACN.140_18.000  
**Instrument Variable Name:** CANKIND_1-CANKIND_3  
**Final Documentation Name:** CNKIND18

### What kind of cancer was it?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1' and SEX= '2'

**Description:** Sample Female adults aged 18+ years who were ever told they had cancer

**Sources:** None  
**Recodes:** None  
**Keywords:** cancer; ovarian neoplasms  
**Notes:** Since 2004, if CANKIND_1 had a ’97’ or ’99’ (Refused or Don’t Know) response, all of the expanded CNKIND1-31 variables were also given ’7’ or ’9’. In 2002 and 2003, these responses were recoded to ’8’ (Not Ascertained).

<table>
<thead>
<tr>
<th>What kind of cancer ... Ovary</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mentioned</td>
</tr>
<tr>
<td>2</td>
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<tr>
<td>7</td>
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</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don’t know</td>
</tr>
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</table>

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**Question ID:** ACN.140_19.000  
**Instrument Variable Name:** CANKIND_1-CANKIND_3  
**Final Documentation Name:** CNKIND19

### What kind of cancer was it?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'

**Description:** Sample adults aged 18+ years who were ever told they had cancer

**Sources:** None  
**Recodes:** None  
**Keywords:** cancer; pancreatic neoplasms  
**Notes:** Since 2004, if CANKIND_1 had a ’97’ or ’99’ (Refused or Don’t Know) response, all of the expanded CNKIND1-31 variables were also given ’7’ or ’9’. In 2002 and 2003, these responses were recoded to ’8’ (Not Ascertained).

<table>
<thead>
<tr>
<th>What kind of cancer ... Pancreas</th>
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</thead>
<tbody>
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<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don’t know</td>
</tr>
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</table>
### What kind of cancer was it?

**Question ID:** ACN.140_20.000  
**Instrument Variable Name:** CANKIND_1-CANKIND_3  
**Final Documentation Name:** CNKIND20

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1' and SEX= '1'

**Description:** Sample Male adults aged 18+ years who were ever told they had cancer

**Sources:** None  
**Recodes:** None  
**Keywords:** cancer; prostatic neoplasms  
**Notes:** Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Prostate

<p>| | |</p>
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<thead>
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<td>2</td>
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<tr>
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<td>Refused</td>
</tr>
<tr>
<td>8</td>
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</tr>
<tr>
<td>9</td>
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</tr>
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</table>

### What kind of cancer was it?

**Question ID:** ACN.140_21.000  
**Instrument Variable Name:** CANKIND_1-CANKIND_3  
**Final Documentation Name:** CNKIND21

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'

**Description:** Sample adults aged 18+ years who were ever told they had cancer

**Sources:** None  
**Recodes:** None  
**Keywords:** cancer; rectal neoplasms  
**Notes:** Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Rectum

<p>| | |</p>
<table>
<thead>
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</thead>
<tbody>
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<td>1</td>
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<tr>
<td>2</td>
<td>Not mentioned</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
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<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: ACN.140_22.000  Instrument Variable Name: CANKIND_1-CANKIND_3  Final Documentation Name: CNKIND22

What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'
Description: Sample adults aged 18+ years who were ever told they had cancer

Sources: None
Recodes: None
Keywords: cancer; skin neoplasms
Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... skin (non-melanoma)

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know

Question ID: ACN.140_23.000  Instrument Variable Name: CANKIND_1-CANKIND_3  Final Documentation Name: CNKIND23

What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'
Description: Sample adults aged 18+ years who were ever told they had cancer

Sources: None
Recodes: None
Keywords: cancer; skin neoplasms
Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... skin (DK kind)

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
**Question ID:** ACN.140_24.000  
**Instrument Variable Name:** CANKIND_1-CANKIND_3  
**Final Documentation Name:** CNKIND24

### What kind of cancer was it?

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'

**Description:**  
Sample adults aged 18+ years who were ever told they had cancer

**Sources:**  
None

**Recodes:**  
None

**Keywords:**  
cancer; soft tissue neoplasms

**Notes:**  
Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

#### What kind of cancer ... soft tissue (muscle or fat)

1. Mentioned  
2. Not mentioned  
7. Refused  
8. Not ascertained  
9. Don't know

---

**Question ID:** ACN.140_25.000  
**Instrument Variable Name:** CANKIND_1-CANKIND_3  
**Final Documentation Name:** CNKIND25

### What kind of cancer was it?

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'

**Description:**  
Sample adults aged 18+ years who were ever told they had cancer

**Sources:**  
None

**Recodes:**  
None

**Keywords:**  
cancer; stomach neoplasms

**Notes:**  
Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

#### What kind of cancer ... Stomach

1. Mentioned  
2. Not mentioned  
7. Refused  
8. Not ascertained  
9. Don't know
**Question ID:** ACN.140_26.000
**Instrument Variable Name:** CANKIND_1-CANKIND_3
**Final Documentation Name:** CNKIND26

**What kind of cancer was it?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1' and SEX = '1'

**Description:** Sample Male adults aged 18+ years who were ever told they had cancer

**Sources:** None
**Recodes:** None
**Keywords:** cancer; testicular neoplasms

**Notes:** Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

**What kind of cancer ... Testis**

1. Mentioned
2. Not mentioned
7. Refused
8. Not ascertained
9. Don't know

**Question ID:** ACN.140_27.000
**Instrument Variable Name:** CANKIND_1-CANKIND_3
**Final Documentation Name:** CNKIND27

**What kind of cancer was it?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'

**Description:** Sample adults aged 18+ years who were ever told they had cancer

**Sources:** None
**Recodes:** None
**Keywords:** cancer; pharyngeal neoplasms

**Notes:** Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

**What kind of cancer ... throat - pharynx**

1. Mentioned
2. Not mentioned
7. Refused
8. Not ascertained
9. Don't know
What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'

Description: Sample adults aged 18+ years who were ever told they had cancer

Sources: None

Recodes: None

Keywords: cancer; thyroid neoplasms

Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Thyroid

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know

What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1' and SEX = '2'

Description: Sample Female adults aged 18+ years who were ever told they had cancer

Sources: None

Recodes: None

Keywords: cancer; uterine neoplasms

Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Uterus

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** ACN.140_30.000  
**Instrument Variable Name:** CANKIND_1-CANKIND_3  
**Final Documentation Name:** CNKIND30

**What kind of cancer was it?**

- **Universe:** `ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'`
- **Description:** Sample adults aged 18+ years who were ever told they had cancer

**Sources:** None  
**Recodes:** None  
**Keywords:** cancer; neoplasms  
**Notes:** Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Other

<p>| | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Mentioned</td>
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<tr>
<td>2</td>
<td>Not mentioned</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
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<tr>
<td>9</td>
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</tr>
</tbody>
</table>

**Question ID:** ACN.140_31.000  
**Instrument Variable Name:** CANKIND_4  
**Final Documentation Name:** CNKIND31

**What kind of cancer ... more than three kinds?**

- **Universe:** `ASTATFLG = '1' and AGE GE '018' and AGE not IN ('997','999') and CANEV = '1' and CNKIND_3 ne '96' and CNKIND_3 ne '1'`
- **Description:** Sample adults aged 18+ years who were ever told they had cancer

**Sources:** None  
**Recodes:** None  
**Keywords:** cancer; neoplasms  
**Notes:** Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... more than 3 kinds

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mentioned</td>
</tr>
<tr>
<td>2</td>
<td>Not mentioned</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**How old were you when cancer was first diagnosed?**

**Universe:**  
ASTATFLG = '1'  and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND1 = '1'

**Description:**  
Sample adults aged 18+ years who were ever told they had bladder cancer

<table>
<thead>
<tr>
<th>Age first diagnosed w/bladder cancer</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-84</td>
</tr>
<tr>
<td>85</td>
</tr>
<tr>
<td>97</td>
</tr>
<tr>
<td>98</td>
</tr>
<tr>
<td>99</td>
</tr>
</tbody>
</table>

**Notes:**  
These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

---

**How old were you when cancer was first diagnosed?**

**Universe:**  
ASTATFLG = '1'  and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND2 = '1'

**Description:**  
Sample adults aged 18+ years who were ever told they had blood cancer

<table>
<thead>
<tr>
<th>Age first diagnosed w/blood cancer</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-84</td>
</tr>
<tr>
<td>85</td>
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<tr>
<td>97</td>
</tr>
<tr>
<td>98</td>
</tr>
<tr>
<td>99</td>
</tr>
</tbody>
</table>

**Notes:**  
These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.
How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND3 = '1'

Description: Sample adults aged 18+ years who were ever told they had bone cancer

Sources: None
Recodes: None
Keywords: onset; cancer; bone neoplasms
Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/bone cancer

<table>
<thead>
<tr>
<th>Age</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>01-84</td>
<td>1-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN('997','999')) and CNKIND4 = '1'

Description: Sample adults aged 18+ years who were ever told they had brain cancer

Sources: None
Recodes: None
Keywords: onset; cancer; brain neoplasms
Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/brain cancer

<table>
<thead>
<tr>
<th>Age</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
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<td>1-84 years</td>
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<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>97</td>
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<tr>
<td>98</td>
<td>Not ascertained</td>
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Question ID: ACN.150_05.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE5

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND5 = '1'
Description: Sample adults aged 18+ years who were ever told they had breast cancer

Sources: None
Recodes: None
Keywords: onset; cancer; breast neoplasms
Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/breast cancer

<table>
<thead>
<tr>
<th>Age</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
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<td>1-84 years</td>
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<td>85</td>
<td>85+ years</td>
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<tr>
<td>97</td>
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<tr>
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<td>Not ascertained</td>
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Question ID: ACN.150_06.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE6

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND6 = '1'
Description: Sample adults aged 18+ years who were ever told they had cervical cancer

Sources: None
Recodes: None
Keywords: onset; cancer; cervix neoplasms
Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/cervical cancer

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<tbody>
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<td>85+ years</td>
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</table>
Question ID: ACN.150_07.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE7

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND7 = '1'
Description: Sample adults aged 18+ years who were ever told they had colon cancer

Sources: None
Recodes: None
Keywords: onset; cancer; colonic neoplasms
Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/colon cancer

<table>
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<td>85+ years</td>
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Question ID: ACN.150_08.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE8

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND8 = '1'
Description: Sample adults aged 18+ years who were ever told they had esophageal cancer

Sources: None
Recodes: None
Keywords: onset; cancer; esophageal neoplasms
Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/esophageal cancer

<table>
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<th>Age</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
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<td>1-84 years</td>
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<td>85</td>
<td>85+ years</td>
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<tr>
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<tr>
<td>98</td>
<td>Not ascertained</td>
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Question ID: ACN.150_09.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE9

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND9 = '1'
Description: Sample adults aged 18+ years who were ever told they had gallbladder cancer

Sources: None
Recodes: None
Keywords: onset; cancer; gallbladder neoplasms
Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/gallbladder cancer

<table>
<thead>
<tr>
<th>Age Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-84</td>
<td>1-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
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</table>

Question ID: ACN.150_10.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE10

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND10 = '1'
Description: Sample adults aged 18+ years who were ever told they had kidney cancer

Sources: None
Recodes: None
Keywords: onset; cancer; kidney neoplasms
Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/kidney cancer

<table>
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<th>Description</th>
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<tbody>
<tr>
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</table>
Question ID: ACN.150_11.000  
Instrument Variable Name: CANAGE_1-CANAGE_3  
Final Documentation Name: CANAGE11

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND11 = '1'

Description: Sample adults aged 18+ years who were ever told they had larynx-windpipe cancer

Sources: None

Recodes: None

Keywords: onset; cancer; laryngeal neoplasms

Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/larynx-windpipe cancer

<table>
<thead>
<tr>
<th>Code</th>
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</thead>
<tbody>
<tr>
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</tbody>
</table>

Question ID: ACN.150_12.000  
Instrument Variable Name: CANAGE_1-CANAGE_3  
Final Documentation Name: CANAGE12

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND12 = '1'

Description: Sample adults aged 18+ years who were ever told they had leukemia

Sources: None

Recodes: None

Keywords: onset; cancer; blood neoplasms; leukemia

Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/leukemia

<table>
<thead>
<tr>
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</tr>
</thead>
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2016 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 13-Jun-17

Question ID: ACN.150_13.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE13

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND13 = '1'
Description: Sample adults aged 18+ years who were ever told they had liver cancer

Sources: None
Recodes: None
Keywords: onset; cancer; liver neoplasms
Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/liver cancer

<table>
<thead>
<tr>
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<th>Description</th>
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</thead>
<tbody>
<tr>
<td>01-84</td>
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<tr>
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Question ID: ACN.150_14.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE14

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND14 = '1'
Description: Sample adults aged 18+ years who were ever told they had lung cancer

Sources: None
Recodes: None
Keywords: onset; cancer; lung neoplasms
Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/lung cancer

<table>
<thead>
<tr>
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<th>Description</th>
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</thead>
<tbody>
<tr>
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<tr>
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</table>
Question ID: ACN.150_15.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE15

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND15 = '1'
Description: Sample adults aged 18+ years who were ever told they had lymphoma

Sources: None
Recodes: None
Keywords: onset; cancer; lymphoma neoplasms
Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/lymphoma

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<thead>
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<tbody>
<tr>
<td>01-84</td>
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<td>85</td>
<td>85+ years</td>
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<tr>
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<td>Don't know</td>
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</table>

Question ID: ACN.150_16.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE16

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND16 = '1'
Description: Sample adults aged 18+ years who were ever told they had melanoma

Sources: None
Recodes: None
Keywords: onset; cancer; melanoma neoplasms
Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/melanoma

<table>
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<tbody>
<tr>
<td>01-84</td>
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### Question ID: ACN.150_17.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE17

**How old were you when cancer was first diagnosed?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND17 = '1'

**Description:** Sample adults aged 18+ years who were ever told they had mouth/tongue/lip cancer

**Sources:** None

**Recodes:** None

**Keywords:** onset; cancer; mouth neoplasms; tongue neoplasms; lip neoplasms

**Notes:** These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

**Age first diagnosed w/mouth/tongue/lip cancer**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>01-84</td>
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### Question ID: ACN.150_18.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE18

**How old were you when cancer was first diagnosed?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND18 = '1'

**Description:** Sample adults aged 18+ years who were ever told they had ovarian cancer

**Sources:** None

**Recodes:** None

**Keywords:** onset; cancer; ovarian neoplasms

**Notes:** These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

**Age first diagnosed w/ovarian cancer**

<table>
<thead>
<tr>
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<th>Description</th>
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</thead>
<tbody>
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<td>85+ years</td>
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<tr>
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</table>
Question ID: ACN.150_19.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE19

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND19 = '1'
Description: Sample adults aged 18+ years who were ever told they had pancreatic cancer

Sources: None
Recodes: None
Keywords: onset; cancer; pancreatic neoplasms
Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/pancreatic cancer

<table>
<thead>
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<th>Code</th>
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</table>

Question ID: ACN.150_20.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE20

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND20 = '1'
Description: Sample adults aged 18+ years who were ever told they had prostate cancer

Sources: None
Recodes: None
Keywords: onset; cancer; prostatic neoplasms
Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/prostate cancer

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>01-84</td>
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<tr>
<td>85</td>
<td>85+ years</td>
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<tr>
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<td>98</td>
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</tbody>
</table>
Question ID: ACN.150_21.000  
Instrument Variable Name: CANAGE_1-CANAGE_3  
Final Documentation Name: CANAGE21

**How old were you when cancer was first diagnosed?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND21 = '1'

**Description:** Sample adults aged 18+ years who were ever told they had rectal cancer

**Sources:** None

**Recodes:** None

**Keywords:** onset; cancer; rectal neoplasms

**Notes:** These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

| Age first diagnosed w/rectal cancer |  
|------------------------------------|---|
| 01-84                              | 1-84 years |
| 85                                 | 85+ years |
| 97                                 | Refused |
| 98                                 | Not ascertained |
| 99                                 | Don't know |

Question ID: ACN.150_22.000  
Instrument Variable Name: CANAGE_1-CANAGE_3  
Final Documentation Name: CANAGE22

**How old were you when cancer was first diagnosed?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND22 = '1'

**Description:** Sample adults aged 18+ years who were ever told they had skin (non-melanoma) cancer

**Sources:** None

**Recodes:** None

**Keywords:** onset; cancer; skin neoplasms

**Notes:** These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

| Age first diagnosed w/skin (non-melanoma) cancer |  
|-----------------------------------------------|---|
| 01-84                                         | 1-84 years |
| 85                                            | 85+ years |
| 97                                            | Refused |
| 98                                            | Not ascertained |
| 99                                            | Don't know |
**2016 NATIONAL HEALTH INTERVIEW SURVEY**

**Sample Adult**

**samadult : Adult Conditions**

**PUBLIC USE**

**Document Version Date: 13-Jun-17**

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**Question ID:** ACN.150_23.000  
**Instrument Variable Name:** CANAGE_1-CANAGE_3  
**Final Documentation Name:** CANAGE23

**How old were you when cancer was first diagnosed?**

**Universe:** 
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND23 = '1'

**Description:** 
Sample adults aged 18+ years who were ever told they had skin (DK what kind) cancer

**Sources:** 
None

**Recodes:** 
None

**Keywords:** 
onset; cancer; skin neoplasms

**Notes:** 
These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/skin (DK kind) cancer

<table>
<thead>
<tr>
<th>Age</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-84</td>
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</tr>
<tr>
<td>85</td>
<td>85+ years</td>
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<tr>
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<td>98</td>
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<tr>
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**Question ID:** ACN.150_24.000  
**Instrument Variable Name:** CANAGE_1-CANAGE_3  
**Final Documentation Name:** CANAGE24

**How old were you when cancer was first diagnosed?**

**Universe:** 
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND24 = '1'

**Description:** 
Sample adults aged 18+ years who were ever told they had soft tissue (muscle or fat) cancer

**Sources:** 
None

**Recodes:** 
None

**Keywords:** 
onset; cancer; soft tissue neoplasms

**Notes:** 
These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/soft tissue cancer

<table>
<thead>
<tr>
<th>Age</th>
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</thead>
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</table>
**Question ID:** ACN.150_25.000  
**Instrument Variable Name:** CANAGE_1-CANAGE_3  
**Final Documentation Name:** CANAGE25

**How old were you when cancer was first diagnosed?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND25 = '1'

**Description:** Sample adults aged 18+ years who were ever told they had stomach cancer

**Sources:** None

**Recodes:** None

**Keywords:** onset; cancer; stomach neoplasms

**Notes:** These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

<table>
<thead>
<tr>
<th>Age first diagnosed w/stomach cancer</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>01-84</td>
<td>1-84 years</td>
</tr>
<tr>
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<td>85+ years</td>
</tr>
<tr>
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</table>

**Question ID:** ACN.150_26.000  
**Instrument Variable Name:** CANAGE_1-CANAGE_3  
**Final Documentation Name:** CANAGE26

**How old were you when cancer was first diagnosed?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND26 = '1'

**Description:** Sample adults aged 18+ years who were ever told they had testicular cancer

**Sources:** None

**Recodes:** None

**Keywords:** onset; cancer; testicular neoplasms

**Notes:** These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

<table>
<thead>
<tr>
<th>Age first diagnosed w/testicular cancer</th>
<th></th>
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</thead>
<tbody>
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<td>01-84</td>
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<tr>
<td>99</td>
<td>Don't know</td>
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</tbody>
</table>
Question ID: ACN.150_27.000

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND27 = '1'

Description: Sample adults aged 18+ years who were ever told they had throat-pharynx cancer

Sources: None
Recodes: None
Keywords: onset; cancer; pharyngeal neoplasms
Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/throat/pharynx cancer

| 01-84 | 1-84 years |
| 85    | 85+ years  |
| 97    | Refused    |
| 98    | Not ascertained |
| 99    | Don't know |

Question ID: ACN.150_28.000

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND28 = '1'

Description: Sample adults aged 18+ years who were ever told they had thyroid cancer

Sources: None
Recodes: None
Keywords: onset; cancer; thyroid neoplasms
Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/thyroid cancer

| 01-84 | 1-84 years |
| 85    | 85+ years  |
| 97    | Refused    |
| 98    | Not ascertained |
| 99    | Don't know |
Question ID: ACN.150_29.000

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND29 = '1'

Description: Sample adults aged 18+ years who were ever told they had uterine cancer

Sources: None

Recodes: None

Keywords: onset; cancer; uterine neoplasms

Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/uterine cancer

<table>
<thead>
<tr>
<th>Code</th>
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<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: ACN.150_30.000

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND30 = '1'

Description: Sample adults aged 18+ years who were ever told they had other type of cancer

Sources: None

Recodes: None

Keywords: onset; cancer; neoplasms

Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/other cancer

<table>
<thead>
<tr>
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<th>Description</th>
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<tbody>
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<td>85+ years</td>
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<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
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</table>
Have you ever been pregnant?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and SEX=2

Description: Female Sample adults 18+

Sources: None

Recodes: None

Keywords: pregnant, with child

Notes: None

Ever been pregnant

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

DURING THE PAST 12 MONTHS, have you been told by a doctor or health professional to do any of the following …Increase your physical activity or exercise?

Increase your physical activity or exercise?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: physical activity; exercise; aerobic activity; diabetes prevention

Notes: None

Told to increase physical activity, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** ACN.155_00.020  
**Instrument Variable Name:** DBHVCLY  
**Final Documentation Name:** DBHVCLY

*Read if necessary.

**DURING THE PAST 12 MONTHS,** have you been told by a doctor or health professional to do any of the following...Reduce the amount of fat or calories in your diet?

**Reduce the amount of fat or calories in your diet?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults 18+

**Sources:** None

**Recodes:** None

**Keywords:** diet; calories; nutrition; caloric intake; diabetes prevention

**Notes:** None

Told to reduce fat/calories in diet, past 12 m

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know

---

**Question ID:** ACN.155_00.030  
**Instrument Variable Name:** DBHVWLY  
**Final Documentation Name:** DBHVWLY

*Read if necessary.

**DURING THE PAST 12 MONTHS,** have you been told by a doctor or health professional to do any of the following...Participate in a weight loss program?

**Participate in a weight loss program?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults 18+

**Sources:** None

**Recodes:** None

**Keywords:** weight loss program; fitness program; nutrition program; diabetes prevention

**Notes:** None

Told to participate in weight loss program, past 12 m

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
2016 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 13-Jun-17

Question ID: ACN.155_00.040
Instrument Variable Name: DBHVPAN
Final Documentation Name: DBHVPAN

Are you NOW doing any of the following...

Increasing your physical activity or exercise?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Currently increasing physical activity
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Question ID: ACN.155_00.050
Instrument Variable Name: DBHVCLN
Final Documentation Name: DBHVCLN

*Read if necessary.

Are you NOW doing any of the following...

Reducing the amount of fat or calories in your diet?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Currently reducing fat/calories in diet
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Are you NOW doing any of the following...

Participating in a weight loss program?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: weight loss program; fitness program; nutrition program; diabetes prevention
Notes: None

Currently participating in weight loss program

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Has your mother, father, brother, or sister EVER been told by a doctor or other health professional that they have diabetes or sugar diabetes?

*Include only blood relatives. Do not include step-relatives or those unrelated by blood.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: family health; medical history; blood relatives; diabetes; sugar diabetes
Notes: None

Blood relative ever had diabetes

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
[If Female, Other than during pregnancy] Have you EVER been told by a doctor or health professional that you have diabetes or sugar diabetes?

**Question ID:** ACN.160_00.000  
**Instrument Variable Name:** DIBEV1  
**Final Documentation Name:** DIBEV1

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: endocrine; sugar; diabetes

Notes: This variable is comparable to DIBEV in the 2015 file.

Test: Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

Ever been told that you have diabetes

1. Yes
2. No
3. Borderline or prediabetes
7. Refused
8. Not ascertained
9. Don't know

---

Have you EVER been told by a doctor or other health professional that you have any of the following: prediabetes, impaired fasting glucose, impaired glucose tolerance, borderline diabetes, or high blood sugar?

**Question ID:** ACN.165_00.000  
**Instrument Variable Name:** DIBPRE1  
**Final Documentation Name:** DIBPRE2

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and DIBEV1 IN ('2','3','7','9')

Description: Sample adults 18+ who were never told they had diabetes, told they had borderline/prediabetes, or who refused or said don't know to having been told they had diabetes

Sources: None

Recodes: None

Keywords: prediabetes

Notes: This variable is comparable to DIBPRE1 in the 2015 file.

Test: Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

Ever had prediabetes or other symptoms

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
About how long has it been since you last had a blood test for high blood sugar or diabetes?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and DIBPRE2 IN ('1','2','7','9')

**Description:** Sample adults 18+ who do not have diabetes

**Sources:** None

**Recodes:** None

**Keywords:** diabetes test; blood sugar; sugar diabetes; blood test

**Notes:** None

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

<table>
<thead>
<tr>
<th>Time since last had blood test for high blood sugar/diabetes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>5</td>
</tr>
<tr>
<td>7</td>
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<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>

**How old were you when a doctor FIRST told you that you had diabetes or sugar diabetes?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and DIBEV1 = '1'

**Description:** Sample adults aged 18+ years who were ever told they had diabetes (other than during pregnancy)

**Sources:** None

**Recodes:** None

**Keywords:** age diagnosed with diabetes; age diagnosed with sugar diabetes

**Notes:** This variable is comparable to DIBAGE in the 2015 file.

**Age first diagnosed w/diabetes**

<table>
<thead>
<tr>
<th>Age</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-84</td>
<td>1-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
### Question ID: ACN.170_00.000

#### Instrument Variable Name:

- **Final Documentation Name:** DIFAGE2

#### Universe:

- `ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and DIBEV1 = '1'

#### Description:

- Sample adults aged 18+ years who were ever told they had diabetes (other than during pregnancy)

#### Sources:

- `DIBAGE(i); AGE`

#### Recodes:

- None

#### Keywords:

- Diabetes age check

#### Notes:

- DIFAGE2 indicates the difference between age at diabetes onset and current age. For persons 85 or older, this difference may be an underestimate. The 1999 NHIS was the last survey to include a follow-up question to determine onset in past year. For some with 1 year difference, onset will be within the past year.

#### Years since first diagnosed w/diabetes

<table>
<thead>
<tr>
<th>Code</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Within past year</td>
</tr>
<tr>
<td>01-84</td>
<td>1-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>1+ year(s) with diabetes and age is 85+</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

### Question ID: ACN.175_00.010

#### Instrument Variable Name: DIBTYPE

#### Final Documentation Name: DIBTYPE

**What type of diabetes do you have?**

*Read answer categories below.*

#### Universe:

- `ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and DIBEV1='1'

#### Description:

- Sample adults 18+ who were told they had diabetes or sugar diabetes (other than during pregnancy)

#### Sources:

- None

#### Recodes:

- None

#### Keywords:

- Type 1 diabetes; Type 2 diabetes

#### Notes:

- None

#### Test:

- Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

#### Type of diabetes

<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Type 1</td>
</tr>
<tr>
<td>2</td>
<td>Type 2</td>
</tr>
<tr>
<td>3</td>
<td>Other</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Are you NOW taking diabetic pills to lower your blood sugar? These are sometimes called oral agents or oral hypoglycemic agents.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (DIBEV1='1' or DIBPRE2='1')

Description: Sample adults GE 18 years who were told they had diabetes or sugar diabetes (other than during pregnancy) or who were told they had pre-diabetes, impaired fasting glucose, impaired glucose tolerance, borderline diabetes, or high blood sugar

Sources: None
Recodes: None
Keywords: diabetes; sugar; oral medication
Notes: This variable is comparable to DIBPILL in the 2015 file.

NOW taking diabetic pills

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Insulin can be taken by shot or pump. Are you NOW taking insulin?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (DIBEV1='1' or DIBPRE2='1')

Description: Sample adults GE 18 years who were told they had diabetes or sugar diabetes (other than during pregnancy) or who were told they had prediabetes, impaired fasting glucose, impaired glucose tolerance, borderline diabetes, or high blood sugar

Sources: None
Recodes: None
Keywords: insulin use; diabetes
Notes: This variable is comparable to INSLN in the 2015 file.

NOW taking insulin

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Thinking back to when you were first diagnosed with diabetes, how long was it before you started taking insulin?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and INSLN1='1'

**Description:** Sample adults 18+ with diabetes who have ever taken insulin by shot or pump

---

**Question ID:** ACN.190_00.010

**Instrument Variable Name:** DIBINS2

**Final Documentation Name:** DIBINS2

Length of time before started insulin after diagnosed w/ diabetes

1. Less than 1 month
2. 1 month to less than 6 months
3. 6 months to less than 1 year
4. 1 year or more
7. Refused
8. Not ascertained
9. Don't know

---

Since you started taking insulin, have you ever stopped taking it for more than 6 months?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and INSLN1='1'

**Description:** Sample adults 18+ with diabetes who have ever taken insulin by shot or pump

---

**Question ID:** ACN.190_00.020

**Instrument Variable Name:** DIBINS3

**Final Documentation Name:** DIBINS3

Ever stopped taking insulin for more than 6 m

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
Question ID: ACN.190_00.030
Instrument Variable Name: DIBINS4
Final Documentation Name: DIBINS4

Was this only during the first year after you were diagnosed with diabetes?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (DIBINS2 IN('1','2','3')) and (DIBINS3='1')

Description: Sample adults 18+ who started taking insulin within a year of being diagnosed with diabetes and stopped taking it for more than six months

Sources: None
Recodes: None
Keywords: insulin use; diabetes
Notes: None

Stopped taking insulin first year after diagnosed w/ diabetes

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don’t know

Question ID: ACN.195_00.010
Instrument Variable Name: DIBGDM
Final Documentation Name: DIBGDM

[Fill1: Were you FIRST told by a doctor or other health professional that you had diabetes, sugar diabetes, or gestational diabetes during pregnancy?/
Were you EVER told by a doctor or other health professional that you had diabetes, sugar diabetes, or gestational diabetes during pregnancy?]

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (SEX=2 and PREGEVER='1')

Description: Female Sample adults 18+ who have ever been pregnant

Sources: None
Recodes: None
Keywords: diabetes; gestational diabetes; pregnant; with child
Notes: None

First told you had diabetes during pregnancy

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don’t know
**Question ID:** ACN.197_00.010  
**Instrument Variable Name:** DIBBABY  
**Final Documentation Name:** DIBBABY

**Have you EVER had a baby that weighed 9 pounds (4 kg) or more at birth?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (SEX=2 and PREGEVER='1')

**Description:**  
Female Sample adults 18+ who have ever been pregnant

| Source | None |
| Recode | None |
| Keywords | diabetes; gestational diabetes; pregnant; with child; birth weight |
| Notes | None |
| Test | Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

<table>
<thead>
<tr>
<th>Ever had a baby that weighed 9 lbs. or more</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>

**Question ID:** ACN.198_00.010  
**Instrument Variable Name:** DIBPRGM  
**Final Documentation Name:** DIBPRGM

**These next questions are about a year-long program that can help people prevent Type 2 diabetes. This program has weekly sessions during the first 6 months and monthly sessions over the last 6 months. People in the program receive support from a lifestyle coach on achieving and maintaining a healthy lifestyle.**

**Have you EVER participated in this type of year-long program to prevent Type 2 diabetes?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and DIBEV1 ne '1'

**Description:**  
Sample adults 18+ who have not been diagnosed with diabetes

| Source | None |
| Recode | None |
| Keywords | diabetes; Type 2 diabetes; diabetes prevention program |
| Notes | None |
| Test | Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

<table>
<thead>
<tr>
<th>Ever participated in year-long program to prevent Type 2 diabetes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
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<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>
**Question ID:** ACN.198_00.020  
**Instrument Variable Name:** DIBREFER  
**Final Documentation Name:** DIBREFER

**Has a doctor or other health care professional ever referred you to such a program to prevent Type 2 diabetes?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and DIBEV1 ne '1'

**Description:** Sample adults 18+ who have not been diagnosed with diabetes

**Sources:** None  
**Recodes:** None  
**Keywords:** diabetes; Type 2 diabetes; diabetes prevention program  
**Notes:** None  
**Test:** Find testing evaluation report at https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx

**Ever referred to program to prevent Type 2 diabetes**

<p>| | |</p>
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<thead>
<tr>
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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

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**Question ID:** ACN.198_00.030  
**Instrument Variable Name:** DIBBEGIN  
**Final Documentation Name:** DIBBEGIN

**How interested are you in beginning such a year-long program to prevent Type 2 diabetes? Would you say...**

*Read categories below.*

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (DIBPRGM ne '1' and DIBREFER ne '1')

**Description:** Sample adults 18+ who have not participated in a diabetes prevention program and were not referred to one

**Sources:** None  
**Recodes:** None  
**Keywords:** diabetes; Type 2 diabetes; diabetes prevention program  
**Notes:** None  
**Test:** Find testing evaluation report at https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx

**Interested in beginning year-long program to prevent Type 2 diabetes**

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<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Very interested</td>
</tr>
<tr>
<td>2</td>
<td>Somewhat interested</td>
</tr>
<tr>
<td>3</td>
<td>Not interested</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
### Question ID: ACN.201_01.000

**Instrument Variable Name:** AHAYFYR  
**Final Documentation Name:** AHAYFYR

**During the PAST 12 MONTHS, have you been told by a doctor or other health professional that you had... hay fever?**

- **Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))  
- **Description:** Sample adults aged 18+ years

<table>
<thead>
<tr>
<th>Source</th>
<th>Recode</th>
<th>Keyword</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>None</td>
<td>respiratory condition; hay fever; allergic rhinitis (non-asthma)</td>
<td>None</td>
</tr>
</tbody>
</table>

**Told that you had hay fever, past 12 m**

- 1: Yes  
- 2: No  
- 7: Refused  
- 8: Not ascertained  
- 9: Don't know

### Question ID: ACN.201_02.000

**Instrument Variable Name:** SINYR  
**Final Documentation Name:** SINYR

**During the PAST 12 MONTHS, have you been told by a doctor or other health professional that you had... sinusitis?**

- **Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))  
- **Description:** Sample adults aged 18+ years

<table>
<thead>
<tr>
<th>Source</th>
<th>Recode</th>
<th>Keyword</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>None</td>
<td>respiratory condition; sinusitis; nasal congestion</td>
<td>None</td>
</tr>
</tbody>
</table>

**Told that you had sinusitis, past 12 m**

- 1: Yes  
- 2: No  
- 7: Refused  
- 8: Not ascertained  
- 9: Don't know
### Question ID: ACN.201_03.000
Instrument Variable Name: CBRCHYR
Final Documentation Name: CBRCHYR

**During the PAST 12 MONTHS, have you been told by a doctor or other health professional that you had...chronic bronchitis?**

- **Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
- **Description:** Sample adults aged 18+ years
- **Sources:** None
- **Recodes:** None
- **Keywords:** respiratory condition; chronic bronchitis
- **Notes:** None

<table>
<thead>
<tr>
<th>Told you had chronic bronchitis, 12 m</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

### Question ID: ACN.201_04.000
Instrument Variable Name: KIDWKYR
Final Documentation Name: KIDWKYR

**During the PAST 12 MONTHS, have you been told by a doctor or other health professional that you had... Weak or failing kidneys? - Do not include kidney stones, bladder infections or incontinence.**

- **Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
- **Description:** Sample adults aged 18+ years
- **Sources:** None
- **Recodes:** None
- **Keywords:** renal disease; nephritis; kidney disease
- **Notes:** None

<table>
<thead>
<tr>
<th>Told you had weak/failing kidneys, 12 m</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
During the PAST 12 MONTHS, have you been told by a doctor or other health professional that you had... Any kind of liver condition?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: liver condition; cirrhosis of liver

Notes: None

Told you had liver condition, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

The next questions refer to your joints. Please do NOT include the back or neck. DURING THE PAST 30 DAYS, have you had any symptoms of pain, aching, or stiffness in or around a joint?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: arthritis; rheumatism; musculo-skeletal disease; diseased joints

Notes: None

Symptoms of joint pain/aching/stiffness past 30 d

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Which joints are affected?

**Question ID:** ACN.260_01.000

**Instrument Variable Name:** JMTHP1-JMTHP17

**Final Documentation Name:** JMTHP1

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'

**Description:** Sample adults aged 18+ years who have joint pain/stiffness/swelling

**Sources:** None

**Recodes:** None

**Keywords:** right shoulder joint disease; right shoulder arthritis

**Notes:** Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

Which joint affected...shoulder-right

1. Mentioned
2. Not mentioned
7. Refused
8. Not ascertained
9. Don't know

---

**Question ID:** ACN.260_02.000

**Instrument Variable Name:** JMTHP1-JMTHP17

**Final Documentation Name:** JMTHP2

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'

**Description:** Sample adults aged 18+ years who have joint pain/stiffness/swelling

**Sources:** None

**Recodes:** None

**Keywords:** left shoulder joint disease; left shoulder arthritis

**Notes:** Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

Which joint affected...shoulder-left

1. Mentioned
2. Not mentioned
7. Refused
8. Not ascertained
9. Don't know
## Question ID: ACN.260_03.000
### Which joints are affected?

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'

**Description:**  
Sample adults aged 18+ years who have joint pain/stiffness/swelling

**Sources:**  
None

**Recodes:**  
None

**Keywords:**  
right elbow joint disease; right elbow arthritis

**Notes:**  
Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

<table>
<thead>
<tr>
<th>Which joint affected...elbow-right</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>2</td>
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<td>8</td>
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<td>9</td>
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</tbody>
</table>

## Question ID: ACN.260_04.000
### Which joints are affected?

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'

**Description:**  
Sample adults aged 18+ years who have joint pain/stiffness/swelling

**Sources:**  
None

**Recodes:**  
None

**Keywords:**  
left elbow joint disease; left elbow arthritis

**Notes:**  
Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

<table>
<thead>
<tr>
<th>Which joint affected...elbow-left</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<tr>
<td>2</td>
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<td>7</td>
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<td>8</td>
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<tr>
<td>9</td>
</tr>
</tbody>
</table>
Which joints are affected?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'

Description: Sample adults aged 18+ years who have joint pain/stiffness/swelling

Sources: None

Recodes: None

Keywords: right hip joint disease; right hip arthritis

Notes: Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

Which joint affected...hip-right

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know

Question ID: ACN.260_06.000  
Instrument Variable Name: JMTHP1-JMTHP17  
Final Documentation Name: JMTHP6

Which joints are affected?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'

Description: Sample adults aged 18+ years who have joint pain/stiffness/swelling

Sources: None

Recodes: None

Keywords: left hip joint disease; left hip arthritis

Notes: Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

Which joint affected...hip-left

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
Which joints are affected?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'

Description: Sample adults aged 18+ years who have joint pain/stiffness/swelling

Sources: None

Recodes: None

Keywords: right wrist joint disease; right wrist arthritis

Notes: Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

Which joint affected...wrist-right

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know

Which joints are affected?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'

Description: Sample adults aged 18+ years who have joint pain/stiffness/swelling

Sources: None

Recodes: None

Keywords: left wrist joint disease; left wrist arthritis

Notes: Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

Which joint affected...wrist-left

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
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Question ID: ACN.260_09.000
Instrument Variable Name: JMTHP1-JMTHP17
Final Documentation Name: JMTHP9

Which joints are affected?
Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'
Description: Sample adults aged 18+ years who have joint pain/stiffness/swelling
Sources: None
Recodes: None
Keywords: right knee joint disease; right knee arthritis
Notes: Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

Which joint affected...knee-right
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know

Question ID: ACN.260_10.000
Instrument Variable Name: JMTHP1-JMTHP17
Final Documentation Name: JMTHP10

Which joints are affected?
Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'
Description: Sample adults aged 18+ years who have joint pain/stiffness/swelling
Sources: None
Recodes: None
Keywords: left knee joint disease; left knee arthritis
Notes: Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

Which joint affected...knee-left
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
Which joints are affected?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'

**Description:** Sample adults aged 18+ years who have joint pain/stiffness/swelling

**Sources:** None

**Recodes:** None

**Keywords:** right ankle joint disease; right ankle arthritis

**Notes:** Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

Which joint affected...ankle-right

1. Mentioned
2. Not mentioned
7. Refused
8. Not ascertained
9. Don't know

---

**Question ID:** ACN.260_12.000

**Instrument Variable Name:** JMTHP1-JMTHP17

**Final Documentation Name:** JMTHP12

**Which joints are affected?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'

**Description:** Sample adults aged 18+ years who have joint pain/stiffness/swelling

**Sources:** None

**Recodes:** None

**Keywords:** left ankle joint disease; left ankle arthritis

**Notes:** Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

Which joint affected...ankle-left

1. Mentioned
2. Not mentioned
7. Refused
8. Not ascertained
9. Don't know
Which joints are affected?

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'

**Description:** Sample adults aged 18+ years who have joint pain/stiffness/swelling

**Sources:** None

**Recodes:** None

**Keywords:** right toes joint disease; right toes arthritis

**Notes:** Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

Which joint affected...toes-right

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know

---

Which joints are affected?

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'

**Description:** Sample adults aged 18+ years who have joint pain/stiffness/swelling

**Sources:** None

**Recodes:** None

**Keywords:** left toes joint disease; left toes arthritis

**Notes:** Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

Which joint affected...toes-left

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
**Question ID:** ACN.260_15.000  
**Instrument Variable Name:** JMTHP1-JMTHP17  
**Final Documentation Name:** JMTHP15

### Which joints are affected?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'

**Description:** Sample adults aged 18+ years who have joint pain/stiffness/swelling

**Sources:** None  
**Recodes:** None  
**Keywords:** right finger/thumb joint disease; right finger/thumb arthritis  
**Notes:** Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

**Which joint affected...fingers/thumb-right**

1. Mentioned  
2. Not mentioned  
7. Refused  
8. Not ascertained  
9. Don't know

**Question ID:** ACN.260_16.000  
**Instrument Variable Name:** JMTHP1-JMTHP17  
**Final Documentation Name:** JMTHP16

### Which joints are affected?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'

**Description:** Sample adults aged 18+ years who have joint pain/stiffness/swelling

**Sources:** None  
**Recodes:** None  
**Keywords:** left finger/thumb joint disease; left finger/thumb arthritis  
**Notes:** Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

**Which joint affected...fingers/thumb-left**

1. Mentioned  
2. Not mentioned  
7. Refused  
8. Not ascertained  
9. Don't know
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Sample Adult
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**Question ID:** ACN.260_17.000
**Instrument Variable Name:** JMTHP1-JMTHP17
**Final Documentation Name:** JMTHP17

**Which joints are affected?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'

**Description:** Sample adults aged 18+ years who have joint pain/stiffness/swelling

**Sources:** None

**Recodes:** None

**Keywords:** other joint disease; other arthritic joint

**Notes:** Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

Which joint affected...other joint not listed

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know

---

**Question ID:** ACN.270_00.000
**Instrument Variable Name:** JNTCHR
**Final Documentation Name:** JNTCHR

**Did your joint symptoms FIRST begin more than 3 months ago?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'

**Description:** Sample adults aged 18+ years who have joint pain/stiffness/swelling

**Sources:** None

**Recodes:** None

**Keywords:** arthritis; rheumatism; musculo-skeletal disease; diseased joints; joint symptoms

**Notes:** None

Joint symptoms begin more than 3 months ago

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
**2016 NATIONAL HEALTH INTERVIEW SURVEY**

Sample Adult

samadult : Adult Conditions

PUBLIC USE

Document Version Date: 13-Jun-17

**Question ID:** ACN.280_00.000

**Instrument Variable Name:** JNTHP

**Final Documentation Name:** JNTHP

**Have you EVER seen a doctor or other health professional for these joint symptoms?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'

**Description:** Sample adults aged 18+ years who have joint pain/stiffness/swelling

**Sources:** None

**Recodes:** None

**Keywords:** arthritis; rheumatism; musculo-skeletal disease; diseased joints; joint symptoms

**Notes:** None

Ever seen doctor or health professional for joint symptoms

| 1 | Yes |
| 2 | No  |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

**Question ID:** ACN.290_00.000

**Instrument Variable Name:** ARTH

**Final Documentation Name:** ARTH1

**Have you EVER been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** None

**Keywords:** arthritis; rheumatoid arthritis; gout; lupus; fibromyalgia

**Notes:** None

Ever been told you had arthritis

| 1 | Yes |
| 2 | No  |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
**Question ID:** ACN.295_00.000  
**Instrument Variable Name:** ARTHLMT  
**Final Documentation Name:** ARTHLMT

**Are you now limited in any way in any of your usual activities because of arthritis or joint symptoms?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (JNTSYMP = '1' or ARTH1 = '1')

**Description:** Sample adults aged 18+ years who have joint symptoms or arthritis

**Sources:** None

**Recodes:** None

**Keywords:** arthritis; rheumatoid arthritis; gout; lupus; fibromyalgia; joint symptoms; activity limitation

**Notes:** None

Limited due to arthritis or joint symptoms

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know

**Question ID:** ACN.300_00.000  
**Instrument Variable Name:** PAINECK  
**Final Documentation Name:** PAINECK

**The following questions are about pain you may have experienced in the PAST THREE MONTHS. Please refer to pain that LASTED A WHOLE DAY OR MORE. Do not report aches and pains that are fleeting or minor.**

**During the PAST THREE MONTHS, did you have ...Neck pain?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** None

**Keywords:** neck pain; neck arthritis

**Notes:** None

Had neck pain, past 3 months

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
During the PAST THREE MONTHS, did you have ...Low back pain?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Had low back pain, past 3 months

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Did this pain spread down either leg to areas below the knees?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and PAINLB = '1'

Description: Sample adults aged 18+ years with low back pain in the past 3 months

Pain spread down leg/below knees

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** ACN.331_01.000  
**Instrument Variable Name:** PAINFACE  
**Final Documentation Name:** PAINFACE

During the PAST THREE MONTHS, did you have ... Facial ache or pain in the jaw muscles or the joint in front of the ear?

<table>
<thead>
<tr>
<th>Universe:</th>
<th>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description:</td>
<td>Sample adults aged 18+ years</td>
</tr>
</tbody>
</table>

Sources: None  
Recodes: None  
Keywords: facial joint pain; jaw muscle ache; facial muscle ache  
Notes: Refer to ACN.300 (PAINECK) for question lead-in

<table>
<thead>
<tr>
<th>Had pain in jaw/front of ear, past 3 months</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>2</td>
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<td>7</td>
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<td>8</td>
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<tr>
<td>9</td>
</tr>
</tbody>
</table>

**Question ID:** ACN.331_02.000  
**Instrument Variable Name:** AMIGR  
**Final Documentation Name:** AMIGR

During the PAST THREE MONTHS, did you have ... Severe headache or migraine?

<table>
<thead>
<tr>
<th>Universe:</th>
<th>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description:</td>
<td>Sample adults aged 18+ years</td>
</tr>
</tbody>
</table>

Sources: None  
Recodes: None  
Keywords: severe headache; migraine headache; head pain  
Notes: Refer to ACN.300 (PAINECK) for question lead-in

<table>
<thead>
<tr>
<th>Had severe headache/migraine, past 3 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>2</td>
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<tr>
<td>7</td>
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<td>8</td>
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<td>9</td>
</tr>
</tbody>
</table>
Did you have a head cold or chest cold that started DURING THE LAST TWO WEEKS?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: head cold; chest cold; respiratory ailment
Notes: None

Had a head/chest cold past 2 w

1  Yes  
2  No  
7  Refused  
8  Not ascertained  
9  Don't know

Did you have a stomach or intestinal illness with vomiting or diarrhea that started DURING THE LAST TWO WEEKS?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: digestive disease; stomach/intestinal illness; diarrhea; vomiting
Notes: None

Had stomach prob w/vomit/diarrhea, 2 w

1  Yes  
2  No  
7  Refused  
8  Not ascertained  
9  Don't know
Question ID: ACN.370_00.000

Are you currently pregnant?

Universe: ASTATFLG = '1' and ('018' <= AGE <= '049') and SEX = '2'

Description: Sample Female adults aged 18-49 years

Sources: None

Recodes: None

Keywords: pregnant; with child

Notes: None

Currently pregnant

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Question ID: ACN.370_00.010

[fill: Were you pregnant any time since August 1st, [fill: LAST YEAR]?/Were you pregnant any time from August [fill: LAST YEAR] through March [fill: CURYEAR]?/Were you pregnant any time since August 1st, [fill: CURYEAR]?]

Universe: ASTATFLG = '1' and ('018' <= AGE <= '049') and SEX = '2' and (PREGNOW IN('2','9') or (PREGNOW = '1' and INTERVIEW_MONTH IN('04','05','06','07')))

Description: Female sample adults 18-49 years of age who are not currently pregnant or who don't know if they are currently pregnant and interviewed April - July

Sources: None

Recodes: None

Keywords: recently pregnant

Notes: None

Recently pregnant

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
These next questions are about your hearing, vision, and teeth. Do you now use a hearing aid(s)?

**Now use a hearing aid**

<p>| | |</p>
<table>
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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**Have you ever used a hearing aid(s) in the past?**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
### Question ID: ACN.420_00.000
**Instrument Variable Name:** AHEARST1  
**Final Documentation Name:** AHEARST1

**Without the use of hearing aids or other listening devices, is your hearing excellent, good, a little trouble hearing, moderate trouble, a lot of trouble, or are you deaf?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults 18+

**Sources:** None  
**Recodes:** None  
**Keywords:** hearing; hearing aid  
**Notes:** None

<table>
<thead>
<tr>
<th>Hearing w/o hearing aid</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Excellent</td>
</tr>
<tr>
<td>2</td>
<td>Good</td>
</tr>
<tr>
<td>3</td>
<td>A little trouble hearing</td>
</tr>
<tr>
<td>4</td>
<td>Moderate trouble</td>
</tr>
<tr>
<td>5</td>
<td>A lot of trouble</td>
</tr>
<tr>
<td>6</td>
<td>Deaf</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

### Question ID: ACN.430_00.000  
**Instrument Variable Name:** AVISION  
**Final Documentation Name:** AVISION

**Do you have trouble seeing, even when wearing glasses or contact lenses?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None  
**Recodes:** None  
**Keywords:** vision trouble; seeing disability; visual acuity  
**Notes:** None

<table>
<thead>
<tr>
<th>Trouble seeing even w/glasses/lenses</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Are you blind or unable to see at all?

**Question ID:** ACN.440_00.000  
**Instrument Variable Name:** ABLIND  
**Final Documentation Name:** ABLIND

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AVISION = '1'

**Description:** Sample adults aged 18+ years who have trouble seeing when wearing glasses/lenses

**Sources:** None

**Recodes:** None

**Keywords:** blindness; vision impairment

**Notes:** None

Blind or unable to see at all

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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
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<td>No</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Have you EVER been told by a doctor or other health professional that you had diabetic retinopathy?

**Question ID:** ACN.440_00.010  
**Instrument Variable Name:** VIM_DREV  
**Final Documentation Name:** VIM_DREV

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults 18+

**Sources:** None

**Recodes:** None

**Keywords:** diabetic retinopathy, diabetes, eyesight

**Notes:** None

EVER been told you had diabetic retinopathy

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<table>
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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
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<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**Question ID:** ACN.440_00.020  
**Instrument Variable Name:** VIMLS_DR  
**Final Documentation Name:** VIMLS_DR

### Have you lost any vision because of diabetic retinopathy?

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and VIM_DREV = '1'

**Description:**  
Sample adults 18+ told they have diabetic retinopathy

**Sources:** None  
**Recodes:** None  
**Keywords:** diabetic retinopathy, diabetes, eyesight, vision loss  
**Notes:** None

#### Lost vision because of diabetic retinopathy

- 1: Yes  
- 2: No  
- 7: Refused  
- 8: Not ascertained  
- 9: Don't know

---

**Question ID:** ACN.440_00.030  
**Instrument Variable Name:** VIM_CAEV  
**Final Documentation Name:** VIM_CAEV

* Read if necessary.

### Have you EVER been told by a doctor or other health professional that you had

...Cataracts?

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:**  
Sample adults 18+

**Sources:** None  
**Recodes:** None  
**Keywords:** cataracts, eyesight, vision  
**Notes:** None

#### EVER been told you had cataracts

- 1: Yes  
- 2: No  
- 7: Refused  
- 8: Not ascertained  
- 9: Don't know
**Have you lost any vision because of cataracts?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and VIM_CAEV = '1'

**Description:** Sample adults 18+ told they have cataracts

**Sources:** None

**Recodes:** None

**Keywords:** cataracts, eyesight, vision loss

**Notes:** None

<table>
<thead>
<tr>
<th>Lost vision because of cataracts</th>
</tr>
</thead>
<tbody>
<tr>
<td>1     Yes</td>
</tr>
<tr>
<td>2     No</td>
</tr>
<tr>
<td>7     Refused</td>
</tr>
<tr>
<td>8     Not ascertained</td>
</tr>
<tr>
<td>9     Don't know</td>
</tr>
</tbody>
</table>

**Question ID:** ACN.440_00.040

**Instrument Variable Name:** VIMLS_CA

**Final Documentation Name:** VIMLS_CA

---

**Have you ever had cataract surgery?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and VIM_CAEV = '1'

**Description:** Sample adults 18+ ever had cataracts

**Sources:** None

**Recodes:** None

**Keywords:** cataract surgery, vision

**Notes:** None

<table>
<thead>
<tr>
<th>Ever had cataract surgery</th>
</tr>
</thead>
<tbody>
<tr>
<td>1  Yes</td>
</tr>
<tr>
<td>2  No</td>
</tr>
<tr>
<td>7  Refused</td>
</tr>
<tr>
<td>8  Not ascertained</td>
</tr>
<tr>
<td>9  Don't know</td>
</tr>
</tbody>
</table>
### Have you EVER been told by a doctor or other health professional that you had Glaucoma?

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:**
Sample adults 18+

**Sources:**
None

**Recodes:**
None

**Keywords:**
glaucoma, eyesight, vision

**Notes:**
None

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<tbody>
<tr>
<td>1</td>
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<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

### Have you lost any vision because of glaucoma?

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and VIM_GLEV = '1'

**Description:**
Sample adults 18+ told they have glaucoma

**Sources:**
None

**Recodes:**
None

**Keywords:**
glaucoma, eyesight, vision loss

**Notes:**
None

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<table>
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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
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<tr>
<td>2</td>
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<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Have you EVER been told by a doctor or other health professional that you had...

**Macular Degeneration**

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))

Description: Sample adults 18+

<table>
<thead>
<tr>
<th>Codes</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
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<tr>
<td>2</td>
<td>No</td>
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<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Have you lost any vision because of macular degeneration?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and VIM_MDEV = '1'

Description: Sample adults 18+ told they have macular degeneration

<table>
<thead>
<tr>
<th>Codes</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Yes</td>
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<tr>
<td>2</td>
<td>No</td>
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<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
</tr>
<tr>
<td>Question ID: ACN.440_00.100</td>
<td>Instrument Variable Name: VIMGLASS</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>-----------------------------------</td>
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<tr>
<td>Do you currently wear eyeglasses or contact lenses?</td>
<td></td>
</tr>
<tr>
<td>Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and ABLIND IN ('2', '7', '9', ' ')</td>
<td></td>
</tr>
<tr>
<td>Description: Sample adults 18+</td>
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<tr>
<td>Sources: None</td>
<td></td>
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<tr>
<td>Recodes: None</td>
<td></td>
</tr>
<tr>
<td>Keywords: eyeglasses, contact lenses, eyesight, vision</td>
<td></td>
</tr>
<tr>
<td>Notes: None</td>
<td></td>
</tr>
</tbody>
</table>

Currently wear eyeglasses or contact lenses?

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<thead>
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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
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<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Question ID: ACN.440_00.110</th>
<th>Instrument Variable Name: VIMREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do you wear eyeglasses or contact lenses to read books or newspapers, write, or do other things that require you to see well up close, such as cooking, sewing or fixing things?</td>
<td></td>
</tr>
<tr>
<td>Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and VIMGLASS = '1'</td>
<td></td>
</tr>
<tr>
<td>Description: Sample adults 18+ wear glasses or contacts</td>
<td></td>
</tr>
<tr>
<td>Sources: None</td>
<td></td>
</tr>
<tr>
<td>Recodes: None</td>
<td></td>
</tr>
<tr>
<td>Keywords: eyeglasses, contact lenses, eyesight, vision</td>
<td></td>
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<tr>
<td>Notes: None</td>
<td></td>
</tr>
</tbody>
</table>

Wear eyeglasses or contact lenses to read/write/cook/sew?

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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
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<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**Question ID:** ACN.440_00.120  
**Instrument Variable Name:** VIMDRIVE  
**Final Documentation Name:** VIMDRIVE

**Do you wear eyeglasses or contact lenses to drive, read road and street signs, watch TV, or see things in the distance?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and VIMGLASS = '1'

**Description:**  
Sample adults 18+ wear glasses or contacts

**Sources:** None  
**Recodes:** None  
**Keywords:** eyeglasses, contact lenses, eyesight, vision  
**Notes:** None

Wear eyeglasses or contact lenses to drive/read signs/watch TV?

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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
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<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**Question ID:** ACN.440_00.130  
**Instrument Variable Name:** AVISREH  
**Final Documentation Name:** AVISREH

**Do you use any vision rehabilitation services, such as job training, counseling, or training in daily living skills and mobility?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AVISION = '1'

**Description:**  
Sample adults 18+ who have trouble seeing

**Sources:** None  
**Recodes:** None  
**Keywords:** vision rehabilitation services, eyesight, vision  
**Notes:** None

Use any vision rehabilitation services

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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
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<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Do you use any adaptive devices such as telescopic or other prescriptive lenses, magnifiers, large print or talking materials, CCTV, white cane, or guide dog?

Universe: \( \text{ASTATFLG} = '1' \) and \( \text{AGE} \geq '018' \) and \( \text{AGE} \) not in \( ('997','999') \) and \( \text{AVISION} = '1' \)

Description: Sample adults 18+ who have trouble seeing

Use any adaptive devices such as magnifiers, talking materials

<table>
<thead>
<tr>
<th></th>
<th>Yes</th>
<th>No</th>
<th>Refused</th>
<th>Not ascertained</th>
<th>Don't know</th>
</tr>
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<tr>
<td>1</td>
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<tr>
<td>9</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
When wearing glasses or contact lenses, because of your eyesight, how difficult is it for you
...To read ordinary print in newspapers

*Read categories below.

Even when wearing glasses, difficult for you to read newspapers

<table>
<thead>
<tr>
<th>Even when wearing glasses or contacts lenses, because of your eyesight,</th>
<th>How difficult is it for you</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Not at all difficult</td>
</tr>
<tr>
<td>1</td>
<td>Only a little difficult</td>
</tr>
<tr>
<td>2</td>
<td>Somewhat difficult</td>
</tr>
<tr>
<td>3</td>
<td>Very difficult</td>
</tr>
<tr>
<td>4</td>
<td>Can't do at all because of eyesight</td>
</tr>
<tr>
<td>6</td>
<td>Do not do this activity for other reasons</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '9999')) and ABLIND IN ('2', '7', '9', ' ')
Even when wearing glasses or contacts lenses, because of your eyesight, how difficult is it for you to do work or hobbies that require you to see well up close such as cooking, sewing, fixing things around the house or using hand tools?

*Read categories below.

Even when wearing glasses or contacts lenses, because of your eyesight,

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Not at all difficult</td>
</tr>
<tr>
<td>1</td>
<td>Only a little difficult</td>
</tr>
<tr>
<td>2</td>
<td>Somewhat difficult</td>
</tr>
<tr>
<td>3</td>
<td>Very difficult</td>
</tr>
<tr>
<td>4</td>
<td>Can't do at all because of eyesight</td>
</tr>
<tr>
<td>5</td>
<td>Do not do this activity for other reasons</td>
</tr>
<tr>
<td>6</td>
<td>Refused</td>
</tr>
<tr>
<td>7</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>8</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
*Read if necessary:

[Fill1: Even when wearing glasses or contacts lenses, because of your eyesight, / Fill 2: Because of your eyesight,] how difficult is it for you

...To go down steps, stairs, or curbs in dim light or at night

*Read categories below.

Even when wearing glasses difficult for you to go down stairs in dim light

0 Not at all difficult
1 Only a little difficult
2 Somewhat difficult
3 Very difficult
4 Can't do at all because of eyesight
6 Do not do this activity for other reasons
7 Refused
8 Not ascertained
9 Don't know
*Read if necessary:

[Fill1: Even when wearing glasses or contacts lenses, because of your eyesight, / Fill 2: Because of your eyesight,] how difficult is it for you ...To drive during daytime in familiar places

*Read categories below.

Even when wearing glasses difficult for you to drive during daytime

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Not at all difficult</td>
</tr>
<tr>
<td>1</td>
<td>Only a little difficult</td>
</tr>
<tr>
<td>2</td>
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<td>Can't do at all because of eyesight</td>
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<td>Refused</td>
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<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
<td>Don't know</td>
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</tbody>
</table>
Question ID: ACN.441_00.050

*Read if necessary:

[Fill1: Even when wearing glasses or contacts lenses, because of your eyesight, / Fill 2: Because of your eyesight,] how difficult is it for you

...To notice objects off to the side while you are walking along

*Read categories below.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ABLIND IN ('2','7','9','0')

Description: Sample adults 18+ who are not blind

Sources: None

Recodes: None

Keywords: eyeglasses, contact lenses, eyesight, vision, difficulty walking

Notes: None

Even when wearing glasses difficult for you to notice objects while walking

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
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<td>Not at all difficult</td>
</tr>
<tr>
<td>1</td>
<td>Only a little difficult</td>
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<tr>
<td>2</td>
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<td>Can't do at all because of eyesight</td>
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<td>6</td>
<td>Do not do this activity for other reasons</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**Question ID:** ACN.441_00.060

**Instrument Variable Name:** AVDF_CRD

**Final Documentation Name:** AVDF_CRD

*Read if necessary:

[Fill1: Even when wearing glasses or contacts lenses, because of your eyesight, / Fill 2: Because of your eyesight, ]

...how difficult is it for you

...To find something on a crowded shelf

*Read categories below.

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ABLIND IN ('2','7','9',' ')

**Description:** Sample adults 18+ who are not blind

**Sources:** None

**Recodes:** None

**Keywords:** eyeglasses, contact lenses, eyesight, vision, difficulty differentiating

**Notes:** None

Even when wearing glasses difficult for you to find something on a crowded shelf

0  Not at all difficult
1  Only a little difficult
2  Somewhat difficult
3  Very difficult
4  Can't do at all because of eyesight
6  Do not do this activity for other reasons
7  Refused
8  Not ascertained
9  Don't know
When was the last time you had an eye exam in which the pupils were dilated?  This would have made you temporarily sensitive to bright light.

Universe:  ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description:  Sample adults 18+

Sources:  None

Recodes:  None

Keywords:  eye exam, eyesight, vision

Notes:  None

Last time you had an eye exam (pupils dilated)

1  Less than one month
2  1-12 months
3  13-24 months
4  More than 2 years
5  Never
7  Refused
8  Not ascertained
9  Don't know

Outside of work, do you participate in sports, hobbies, or other activities that can cause eye injury?
This includes activities such as baseball, basketball, mowing the lawn, wood working, or working with chemicals.

Universe:  ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description:  Sample adults 18+

Sources:  None

Recodes:  None

Keywords:  sports, activities, eye, injury, eyesight, vision

Notes:  None

Participate in sports/other activities that can cause eye injury

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
When doing these activities, on average, do you wear eye protection always, most of the time, some of the time, or none of the time?

**Question ID:** ACN.442_00.030  
**Instrument Variable Name:** AVISPROT  
**Final Documentation Name:** AVISPROT

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AVISACT = '1'

**Description:** Sample adults 18+ and do participate in activities that can cause eye injury

**Sources:** None  
**Recodes:** None  
**Keywords:** sports, activities, eye protection, eye, injury, eyesight, vision  
**Notes:** None

When doing these activities, on average, do you wear eye protection

1. Always  
2. Most of the time  
3. Some of the time  
4. None of the time  
7. Refused  
8. Not ascertained  
9. Don't know

---

**Question ID:** ACN.451_00.000  
**Instrument Variable Name:** LUPPRT  
**Final Documentation Name:** LUPPRT

**Have you lost all of your upper and lower natural (permanent) teeth?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None  
**Recodes:** None  
**Keywords:** upper teeth loss; edentulous-upper teeth; lower teeth loss; edentulous-lower teeth  
**Notes:** None  
**Test:** Find testing evaluation report at https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx

Lost all upper & lower natural teeth

1. Yes  
2. No  
7. Refused  
8. Not ascertained  
9. Don't know
In the past six months, how often did you have pain? Would you say...

*Read answer categories below.

How often did you have pain, past 6 m

1 Never
2 Some days
3 Most days
4 Every day
7 Refused
8 Not ascertained
9 Don't know
Question ID: ACN.460_00.020
Instrument Variable Name: PAINLMT
Final Documentation Name: PAINLMT

Over the past six months, how often did pain limit your life or work activities? Would you say...

*Read answer categories below.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CHPAIN6M IN('2','3','4')
Description: Sample adults 18+ who had chronic pain in the past 6 months

Sources: None
Recodes: None
Keywords: arthritis; rheumatism; musculo-skeletal disease; diseased joints; activity limitation
Notes: None

How often did pain limit life/work activities, past 6 m

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<td>8</td>
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<td>9</td>
<td>Don't know</td>
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Question ID: AHS.040_00.000
Instrument Variable Name: WKDAYR
Final Documentation Name: WKDAYR

During the PAST 12 MONTHS, that is, since {12-month ref. date}, ABOUT how many days did you miss work at a job or business because of illness or injury (do not include maternity leave)?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and WRKLYR4 = '0','1'
Description: Sample adults aged 18+ years who worked during the past 12 months

Sources: None
Recodes: None
Keywords: health indicators; illness; injury; work loss days
Notes: WRKLYR4 has the same response categories as WRKLYR3, the variable that determined the universe for WKDAYR in previous years. See Survey Description Document for more information.

Number of work loss days, past 12 months

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**2016 NATIONAL HEALTH INTERVIEW SURVEY**
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 13-Jun-17

**Question ID:** AHS.050_00.000

**Instrument Variable Name:** BEDDAYR

**Final Documentation Name:** BEDDAYR

**During the PAST 12 MONTHS, that is, since {12-month ref. date}, ABOUT how many days did illness or injury keep you in bed more than half of the day? (Include days while an overnight patient in a hospital)?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** None

**Keywords:** health indicators; illness; injury; bed days

**Notes:** None

**Number of bed days, past 12 months**

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**Question ID:** AHS.060_00.000

**Instrument Variable Name:** AHSTATYR

**Final Documentation Name:** AHSTATYR

**Compared with 12 MONTHS AGO, would you say your health is better, worse, or about the same?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** None

**Keywords:** health indicators; health status

**Notes:** None

**Health better/worse/same, compared w/ 12 months ago**

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<td>Better</td>
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<td>2</td>
<td>Worse</td>
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<tr>
<td>3</td>
<td>About the same</td>
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<td>7</td>
<td>Refused</td>
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<td>8</td>
<td>Not ascertained</td>
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<td>Don't know</td>
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</table>
**Question ID:** AHS.070_00.000  
**Instrument Variable Name:** SPECEQ  
**Final Documentation Name:** SPECEQ

Do you now have any health problem that requires you to use special equipment, such as a cane, a wheelchair, a special bed, or a special telephone?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))  
**Description:** Sample adults aged 18+ years

**Sources:** None  
**Recodes:** None  
**Keywords:** health problem; special equipment; assistive devices  
**Notes:** None

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<td>2</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
<td>Don't know</td>
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</table>

**Question ID:** AHS.091_01.000  
**Instrument Variable Name:** FLWALK  
**Final Documentation Name:** FLWALK

By yourself, and without using any special equipment, how difficult is it for you to...Walk a quarter of a mile - about 3 city blocks?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))  
**Description:** Sample adults aged 18+ years

**Sources:** None  
**Recodes:** ALCHRONR; FLA1AR  
**Keywords:** difficulty walking; special equipment; functional limitation  
**Notes:** See Survey Description Document for more information.

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<td>1</td>
<td>Only a little difficult</td>
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<td>2</td>
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<td>3</td>
<td>Very difficult</td>
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<td>4</td>
<td>Can't do at all</td>
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<td>6</td>
<td>Do not do this activity</td>
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<td>7</td>
<td>Refused</td>
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<td>8</td>
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<td>Don't know</td>
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</table>
Question ID: AHS.091_02.000
Instrument Variable Name: FLCLIMB
Final Documentation Name: FLCLIMB

By yourself, and without using any special equipment, how difficult is it for you to...Walk up 10 steps without resting?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults aged 18+ years

Sources: None
Recodes: ALCHRONR; FLA1AR
Keywords: difficulty walking steps; special equipment; functional limitation
Notes: See Survey Description Document for more information.

How difficult to climb 10 steps without special equipment

0  Not at all difficult
1  Only a little difficult
2  Somewhat difficult
3  Very difficult
4  Can't do at all
6  Do not do this activity
7  Refused
8  Not ascertained
9  Don't know
Question ID:  AHS.091_03.000

By yourself, and without using any special equipment, how difficult is it for you to...Stand or be on your feet for about 2 hours?

Universe:  ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description:  Sample adults aged 18+ years

Sources:  None

Recodes:  ALCHRONR; FLA1AR

Keywords:  difficulty standing; special equipment; functional limitation

Notes:  See Survey Description Document for more information.

How difficult to stand 2 hours without special equipment

0  Not at all difficult
1  Only a little difficult
2  Somewhat difficult
3  Very difficult
4  Can't do at all
6  Do not do this activity
7  Refused
8  Not ascertained
9  Don't know
By yourself, and without using any special equipment, how difficult is it for you to...Sit for about 2 hours?

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))

Description:  
Sample adults aged 18+ years

Sources:  
None

Recodes:  
ALCHRONR; FLA1AR

Keywords:  
difficulty sitting; special equipment; functional limitation

Notes:  
See Survey Description Document for more information.

How difficult to sit 2 hours without special equipment:

0     Not at all difficult
1     Only a little difficult
2     Somewhat difficult
3     Very difficult
4     Can't do at all
6     Do not do this activity
7     Refused
8     Not ascertained
9     Don't know
By yourself, and without using any special equipment, how difficult is it for you to...Stoop, bend, or kneel?

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description:  
Sample adults aged 18+ years

Keywords: difficulty stooping, bending, or kneeling; special equipment; functional limitation

Notes: See Survey Description Document for more information.

How difficult to stoop, bend or kneel without special equipment

0      Not at all difficult
1      Only a little difficult
2      Somewhat difficult
3      Very difficult
4      Can't do at all
6      Do not do this activity
7      Refused
8      Not ascertained
9      Don't know
By yourself, and without using any special equipment, how difficult is it for you to...Reach up over your head?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults aged 18+ years

Sources: None
Recodes: ALC chronr; FLA1AR
Keywords: difficulty reaching; special equipment; functional limitation
Notes: See Survey Description Document for more information.

How difficult to reach over head without special equipment

0    Not at all difficult
1    Only a little difficult
2    Somewhat difficult
3    Very difficult
4    Can't do at all
6    Do not do this activity
7    Refused
8    Not ascertained
9    Don't know
By yourself, and without using any special equipment, how difficult is it for you to...Use your fingers to grasp or handle small objects?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

How difficult to grasp small objects without special equipment

0  Not at all difficult
1  Only a little difficult
2  Somewhat difficult
3  Very difficult
4  Can't do at all
6  Do not do this activity
7  Refused
8  Not ascertained
9  Don't know

Notes: See Survey Description Document for more information.
**Question ID:** AHS.141_02.000  
**Instrument Variable Name:** FLCARRY  
**Final Documentation Name:** FLCARRY

By yourself, and without using any special equipment, how difficult is it for you to…Lift or carry something as heavy as 10 pounds such as a full bag of groceries?

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</table>

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** ALCHRONR; FLA1AR

**Keywords:** difficulty lifting/carrying; special equipment; functional limitation

**Notes:** See Survey Description Document for more information.
Question ID: AHS.141_03.000  
Instrument Variable Name: FLPUSH  
Final Documentation Name: FLPUSH  

By yourself, and without using any special equipment, how difficult is it for you to...Push or pull large objects like a living room chair?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: ALCHRONR; FLA1AR

Keywords: difficulty pushing/pulling; special equipment; functional limitation

Notes: See Survey Description Document for more information.

How difficult to push large objects without special equipment

0  Not at all difficult
1  Only a little difficult
2  Somewhat difficult
3  Very difficult
4  Can't do at all
6  Do not do this activity
7  Refused
8  Not ascertained
9  Don't know
Question ID: AHS.171_01.000

Instrument Variable Name: FLSHOP

Final Documentation Name: FLSHOP

**By yourself, and without using any special equipment, how difficult is it for you to...Go out to things like shopping, movies, or sporting events?**

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: ALCHRONR; FLA1AR

Keywords: difficulty going out; shopping; sporting events; special equipment; functional limitation

Notes: None

How difficult to go out to events without special equipment

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<td>7</td>
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<td>8</td>
<td>Not ascertained</td>
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</table>
By yourself, and without using any special equipment, how difficult is it for you to...Participate in social activities such as visiting friends, attending clubs and meetings, going to parties?

Universe: \( \text{ASTATFLG = '1' and (AGE \geq '018' and AGE not IN ('997','999'))} \)

Description: Sample adults aged 18+ years

Sources: None

Recodes: ALCHRONR; FLA1AR

Keywords: difficulty participating in social activities; special equipment; functional limitation

Notes: None

How difficult to participate in social activities without special equipment

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Question ID: AHS.171_03.000

Instrument Variable Name: FLRELAX
Final Documentation Name: FLRELAX

By yourself, and without using any special equipment, how difficult is it for you to...Do things to relax at home or for leisure (reading, watching TV, sewing, listening to music)?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: ALCHRONR; FLA1AR

Keywords: difficulty relaxing; special equipment; functional limitation

Notes: None

How difficult to relax at home without special equipment

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Question ID: AHS.171_00.000

Recode

Instrument Variable Name: FLA1AR

Recode

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: FLWALK; FLCLIMB; FLSTAND; FLSIT; FLSTOOP; FLREACH; FLGRASP; FLCARRY; FLPUSH; FLSHOP; FLSOCL; FLRELAX

Recodes: ALCHRONR

Keywords: functional limitation

Notes: None

Any functional limitation, all conditions

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<td>2</td>
<td>Not limited in any way</td>
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<tr>
<td>3</td>
<td>Unknown if limited</td>
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</table>
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLSIT IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; vision problem

Notes: See Survey Description Document for more information.

Vision/problem seeing causes difficulty with activity

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What condition or health problem causes you to have difficulty with [names of up to 3 specified activities/these activities]?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; hearing problem

Notes: See Survey Description Document for more information.
Question ID: AHS.200_03.000
Instrument Variable Name: AFLHCA1-AFLHCA37
Final Documentation Name: AFLHCA3

What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSIT IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None
Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91
Keywords: functional limitation; difficulty with activity; arthritis; rheumatism
Notes: See Survey Description Document for more information.

Arthritis/rheumatism causes difficulty with activity

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What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN (1, 2, 3, 4) or FLCLIMB IN (1, 2, 3, 4) or FLSTAND IN (1, 2, 3, 4) or FLSIT IN (1, 2, 3, 4) or FLSTOOP IN (1, 2, 3, 4) or FLREACH IN (1, 2, 3, 4) or FLCARRY IN (1, 2, 3, 4) or FLPUSH IN (1, 2, 3, 4) or FLSHOP IN (1, 2, 3, 4) or FLSOCL IN (1, 2, 3, 4) or FLRELAX IN (1, 2, 3, 4))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; back/neck problem

Notes: See Survey Description Document for more information.

Back or neck problem causes difficulty with activity

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Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; fracture; bone/joint injury

Notes: See Survey Description Document for more information.
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; other injury

Notes: See Survey Description Document for more information.

Other injury causes difficulty with activity

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Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FRREACH IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; heart problem

Notes: See Survey Description Document for more information.

Heart problem causes difficulty with activity

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSIT IN ('1', '2', '3', '4') or FLSIT IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; stroke

Notes: See Survey Description Document for more information.

Stroke problem causes difficulty with activity

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Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN (1', '2', '3', '4') or FLCLIMB IN (1', '2', '3', '4') or FLSTAND IN (1', '2', '3', '4') or FLSIT IN (1', '2', '3', '4') or FLSTOOP IN (1', '2', '3', '4') or FLREACH IN (1', '2', '3', '4') or FLGRASP IN (1', '2', '3', '4') or FLCARRY IN (1', '2', '3', '4') or FLPUSH IN (1', '2', '3', '4') or FLSHOP IN (1', '2', '3', '4') or FLSOCL IN (1', '2', '3', '4') or FLRELAX IN (1', '2', '3', '4'))

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Hypertension/high blood pressure causes difficulty with activity

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLSIT IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; diabetes

Notes: See Survey Description Document for more information.

Diabetes causes difficulty with activity

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}? 

**I.** 

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

**Description:** Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

**Sources:** None

**Recodes:** ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

**Keywords:** functional limitation; difficulty with activity; lung/breathing problem; asthma; emphysema; respiratory allergy

**Notes:** See Survey Description Document for more information.

Lung/breathing problem (e.g., asthma) causes difficulty with activity

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: 
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

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Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; cancer

Notes: See Survey Description Document for more information.
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ("997","999")) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSIT IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FL_PUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

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Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; birth defect

Notes: See Survey Description Document for more information.

Birth defect causes difficulty with activity

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**What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?**

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

**Description:**
Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

**Sources:**
None

**Recodes:**
ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

**Keywords:**
functional limitation; difficulty with activity; mental retardation; intellectual disability

**Notes:**
This variable replaces ALHCA14 that appeared in previous survey years. The wording on the 2011 flashcard changed from "mental retardation" to "intellectual disability, also known as mental retardation". Note that the time variables and recodes associated with this variable will also have new names (ATIME14A, AUNIT14A, ADURA14A, ADURB14A, ACHRC14A). See Survey Description Document for more information.
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

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Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; other developmental problem; cerebral palsy

Notes: See Survey Description Document for more information.

Other developmental problem (eg, cerebral palsy) causes difficulty with activity

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Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSIT IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; senility; dementia; Alzheimer's

Notes: See Survey Description Document for more information.

Senility causes difficulty with activity

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What condition or health problem causes you to have difficulty with \{names of up to 3 specified activities/these activities\}?

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; depression; anxiety; emotional problem

Notes: See Survey Description Document for more information.

Depression/anxiety/emotional problem causes difficulty with activity

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/bein feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; weight problem; overweight; obesity

Notes: See Survey Description Document for more information.
**What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSIT IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

**Description:** Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

**Sources:** AFLHCA19; AFLHCA_S1; AFLHCA_S2

**Recodes:** ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

**Keywords:** functional limitation; difficulty with activity; missing limbs (fingers, toes, or digits); amputee

**Notes:** This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

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</table>
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: AFLHCA23; AFLHCA24; AFLHCA_S1; AFLHCA_S2

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; musculoskeletal system; connective tissue

Notes: This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

Musculoskeletal/connective tissue problem causes difficulty with activity

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What condition or health problem causes you to have difficulty with [names of up to 3 specified activities/these activities]?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN (1,2,3,4) or FLCLIMB IN (1,2,3,4) or FLSTAND IN (1,2,3,4) or FLSTOOP IN (1,2,3,4) or FLREACH IN (1,2,3,4) or FLGRASP IN (1,2,3,4) or FLCARRY IN (1,2,3,4) or FLPUSH IN (1,2,3,4) or FLSHOP IN (1,2,3,4) or FLSOCL IN (1,2,3,4) or FLRELAX IN (1,2,3,4))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: AFLHCA21; AFLHCA32; AFLHCA_S1; AFLHCA_S2

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; circulation problem; circulatory system; blood clots

Notes: This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

Circulation problems (including blood clots) cause difficulty with activity

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?  

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))  

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: AFLHCA33; AFLHCA_S1; AFLHCA_S2
Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91
Keywords: functional limitation; difficulty with activity; endocrine; nutritional; metabolic
Notes: This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

Endocrine/nutritional/metabolic problem causes difficulty with activity

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<th>Description</th>
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<td>9</td>
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</table>
What condition or health problem causes you to have difficulty with \{names of up to 3 specified activities/these activities\}?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

**Description:** Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

**Sources:** AFLHCA25-AFLHCA29; AFLHCA35; AFLHCA_S1; AFLHCA_S2

**Recodes:** ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

**Keywords:** functional limitation; difficulty with activity; nervous system; sensory organ condition

**Notes:** This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

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<th>Nervous system/sensory organ condition causes difficulty with activity</th>
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<td>9</td>
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</table>
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGEGE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: AFLHCA30; AFLHCA31; AFLHCA_S1; AFLHCA_S2

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; digestion

Notes: This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: AFLHCA20; AFLHCA_S1; AFLHCA_S2

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; genitourinary system

Notes: This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.
What condition or health problem causes you to have difficulty with \{names of up to 3 specified activities/these activities\}?

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSIT IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLUSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description:  
Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources:  
AFLHCA_S1; AFLHCA_S2

Recodes:  
ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords:  
functional limitation; difficulty with activity; skin; subcutaneous system

Notes:  
This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

Skin/subcutaneous system problem causes difficulty with activity

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOC IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: AFLHCA_S1; AFLHCA_S2

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; blood; blood-forming organs

Notes: This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLSIT IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: AFLHCA22; AFLHCA_S1; AFLHCA_S2
Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91
Keywords: functional limitation; difficulty with activity; benign tumor; cyst
Notes: This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

Benign tumor/cyst causes difficulty with activity

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<td>9</td>
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</table>
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLSIT IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

**Description:** Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

**Sources:** AFLHCA_S1; AFLHCA_S2

**Recodes:** ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

**Keywords:** functional limitation; difficulty with activity; alcohol; drugs; substance abuse

**Notes:** This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

**Alcohol/drug/substance abuse problem causes difficulty with activity**

1. Mentioned
2. Not mentioned
7. Refused
8. Not ascertained
9. Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: AFLHCA_S1; AFLHCA_S2

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; mental illness; ADD; bipolar; schizophrenia

Notes: This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: AFLHCA_S1; AFLHCA_S2

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; surgical after-effects; medical treatment; operation; surgery

Notes: This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

Surgical after-effects/medical treatment causes difficulty with activity

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
**2016 NATIONAL HEALTH INTERVIEW SURVEY**

**Sample Adult**

**samadult : Adult Health Status & Limitations**

**PUBLIC USE**

**Document Version Date: 13-Jun-17**

**Question ID:** AHS.200_00.000  
**R14 RECODE**

**Instrument Variable Name:**

**Final Documentation Name:** AFLHC32_

**What condition or health problem causes you to have difficulty with [names of up to 3 specified activities/these activities]?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

**Description:**  
Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

**Sources:** AFLHCA_S1; AFLHCA_S2

**Recodes:** ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

**Keywords:** functional limitation; difficulty with activity; elderly; old age; aging

**Notes:** This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

"Old age"/elderly/aging-related problem causes difficulty with activity

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
Question ID: AHS.200_00.000

What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSIT IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: AFLHCA_S1; AFLHCA_S2

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; fatigue; tiredness; weakness

Notes: This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

Fatigue/tiredness/weakness causes difficulty with activity

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOC.IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: AFLHCA_S1; AFLHCA_S2

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; pregnancy

Notes: This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

Pregnancy-related problem causes difficulty with activity

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>1</td>
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<tr>
<td>2</td>
<td>Not mentioned</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
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</table>
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Other impairment/problem (1) causes difficulty with activity

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<td>9</td>
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</table>
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?  

Universe:  ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description:  Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources:  None

Recodes:  ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords:  functional limitation; difficulty with activity

Notes:  See the Survey Description Document for more information.
**Question ID:** AHS.300_01.000

**How long have you had a vision problem or problem seeing?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA1 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to vision problem

**Sources:** AHCL01N

**Recodes:** ALDURA1; ALDURB1; ALCHRC1

**Keywords:** functional limitation; vision problem

**Notes:** Years are topcoded at 85. See the Survey Description Document for more information.

Duration of vision problem: Number of units

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<thead>
<tr>
<th>Value</th>
<th>Duration</th>
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<tbody>
<tr>
<td>01-94</td>
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<tr>
<td>95</td>
<td>95+</td>
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<tr>
<td>96</td>
<td>Since birth</td>
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<tr>
<td>97</td>
<td>Refused</td>
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<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**Question ID:** AHS.300_02.000

**How long have you had a vision problem or problem seeing?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA1 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to vision problem

**Sources:** AHCL01T

**Recodes:** ALDURA1; ALDURB1; ALCHRC1

**Keywords:** functional limitation; vision problem

**Notes:** See the Survey Description Document for more information.

Duration of vision problem: Time unit

<table>
<thead>
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<th>Value</th>
<th>Duration</th>
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</thead>
<tbody>
<tr>
<td>1</td>
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<td>2</td>
<td>Week(s)</td>
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<td>4</td>
<td>Year(s)</td>
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<tr>
<td>6</td>
<td>Since birth</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had a vision problem or problem seeing?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA1 = '1'

Description: Sample adults aged 18+ years with difficulty due to vision problem

Sources: ALTIME1; ALUNIT1

Recodes: ALDURB1; ALCHRC1

Keywords: functional limitation; vision problem

Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA1. See the Survey Description Document for more information.

Duration (in years) of vision problem, recode 1

00   Less than 1 year
01-84 01-84 years
85  85+ years
96  Unknown number of years
97  Refused
98  Not ascertained
99  Don't know

How long have you had a vision problem or problem seeing?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA1 = '1'

Description: Sample adults aged 18+ years with difficulty due to vision problem

Sources: ALTIME1; ALUNIT1

Recodes: ALCHRC1

Keywords: functional limitation; vision problem

Notes: See the Survey Description Document for more information.

Duration of vision problem, recode 2

1   Less than 3 months
2   3-5 months
3   6-12 months
4   More than 1 year
7   Refused
8   Not ascertained
9   Don't know
2016 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 13-Jun-17

Question ID: AHS.300_02.000 R03 RECODE Instrument Variable Name:
Final Documentation Name: ALCHRC1

How long have you had a vision problem or problem seeing?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHCA1 = '1'
Description: Sample adults aged 18+ years with difficulty due to vision problem

Sources: AFLHCA1; ALDURB1
Recodes: ALCNDRT; AlCHRONR
Keywords: functional limitation; vision problem
Notes: Condition was coded as chronic (ALCHRC1 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Vision problem condition status recode

<table>
<thead>
<tr>
<th>Recode</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
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<tr>
<td>2</td>
<td>Not chronic</td>
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<tr>
<td>9</td>
<td>Unknown if chronic</td>
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</table>

Question ID: AHS.301_01.000 Instrument Variable Name: AHCL02N
Final Documentation Name: ALTIME2

How long have you had a hearing problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHCA2 = '1'
Description: Sample adults aged 18+ years with difficulty due to hearing problem

Sources: AHCL02N
Recodes: ALDURA2; ALDURB2; ALCHRC2
Keywords: functional limitation; hearing problem
Notes: Years are topcoded at 85. See the Survey Description Document for more information.

Duration of hearing problem: Number of units

<table>
<thead>
<tr>
<th>Recode</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
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<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had a hearing problem?

**Universe:** 
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA2 = '1'

**Description:** 
Sample adults aged 18+ years with difficulty due to hearing problem

**Sources:** 
AHCL02T

**Recodes:** 
ALDURA2; ALDURB2; ALCHRC2

**Keywords:** 
functional limitation; hearing problem

**Notes:** 
See the Survey Description Document for more information.

**Duration of hearing problem: Time unit**

1  Day(s)
2  Week(s)
3  Month(s)
4  Year(s)
6  Since birth
7  Refused
8  Not ascertained
9  Don't know

How long have you had a hearing problem?

**Universe:** 
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA2 = '1'

**Description:** 
Sample adults aged 18+ years with difficulty due to hearing problem

**Sources:** 
ALTIME2; ALUNIT2

**Recodes:** 
ALDURB2; ALCHRC2

**Keywords:** 
functional limitation; hearing problem

**Notes:** 
Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA2. See the Survey Description Document for more information.

**Duration (in years) of hearing problem, recode 1**

00  Less than 1 year
01-84  01-84 years
85  85+ years
96  Unknown number of years
97  Refused
98  Not ascertained
99  Don't know
How long have you had a hearing problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA2 = '1'

Description: Sample adults aged 18+ years with difficulty due to hearing problem

Sources: ALTIME2; ALUNIT2
Recodes: ALCHRC2

Keywords: functional limitation; hearing problem

Notes: See the Survey Description Document for more information.

Duration of hearing problem, recode 2

1  Less than 3 months
2  3-5 months
3  6-12 months
4  More than 1 year
7  Refused
8  Not ascertained
9  Don't know

How long have you had a hearing problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA2 = '1'

Description: Sample adults aged 18+ years with difficulty due to hearing problem

Sources: AFLHCA2; ALDURB2
Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; hearing problem

Notes: Condition was coded as chronic (ALCHRC2 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Hearing problem condition status recode

1  Chronic
2  Not chronic
9  Unknown if chronic
**Question ID:** AHS.302_01.000

**Instrument Variable Name:** AHCL03N

**Final Documentation Name:** ALTIME3

### How long have you had arthritis or rheumatism?

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA3 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to arthritis/rheumatism

**Sources:** AHCL03N

**Recodes:**
- ALDURA3; ALDURB3; ALCHRC3

**Keywords:** functional limitation; arthritis/rheumatism

**Notes:** Years are topcoded at 85. See the Survey Description Document for more information.

**Duration of arthritis/rheumatism: Number of units**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
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<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
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</table>

**Question ID:** AHS.302_02.000

**Instrument Variable Name:** AHCL03T

**Final Documentation Name:** ALUNIT3

### How long have you had arthritis or rheumatism?

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA3 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to arthritis/rheumatism

**Sources:** AHCL03T

**Recodes:**
- ALDURA3; ALDURB3; ALCHRC3

**Keywords:** functional limitation; arthritis/rheumatism

**Notes:** See the Survey Description Document for more information.

**Duration of arthritis/rheumatism: Time unit**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Day(s)</td>
</tr>
<tr>
<td>2</td>
<td>Week(s)</td>
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<td>Month(s)</td>
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<tr>
<td>4</td>
<td>Year(s)</td>
</tr>
<tr>
<td>6</td>
<td>Since birth</td>
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<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had arthritis or rheumatism?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA3 = '1'
Description: Sample adults aged 18+ years with difficulty due to arthritis/rheumatism

Duration (in years) of arthritis/rheumatism, recode 1

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
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<tr>
<td>01-84</td>
<td>01-84 years</td>
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<td>85</td>
<td>85+ years</td>
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</tr>
<tr>
<td>99</td>
<td>Don't know</td>
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</table>

How long have you had arthritis or rheumatism?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA3 = '1'
Description: Sample adults aged 18+ years with difficulty due to arthritis/rheumatism

Duration of arthritis/rheumatism, recode 2

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<thead>
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<th>Value</th>
<th>Description</th>
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<tbody>
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<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
### How long have you had arthritis or rheumatism?

- **Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA3 = '1'
- **Description:** Sample adults aged 18+ years with difficulty due to arthritis/rheumatism
- **Sources:** AFLHCA3; ALDURB3
- **Recodes:** ALCNDRT; ALCHRONR
- **Keywords:** functional limitation; arthritis/rheumatism
- **Notes:** Condition was coded as chronic (ALCHRC3 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

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<th>Arthritis/rheumatism condition status recode</th>
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<td>2</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>

### How long have you had a back or neck problem?

- **Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA4 = '1'
- **Description:** Sample adults aged 18+ years with difficulty due to back or neck problem
- **Sources:** AHCL04N
- **Recodes:** ALCURB4; ALCURB4; ALCHRC4
- **Keywords:** functional limitation; back/neck problem
- **Notes:** Years are topcoded at 85. See the Survey Description Document for more information.

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<th>Duration of back or neck problem: Number of units</th>
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</thead>
<tbody>
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</tr>
<tr>
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<tr>
<td>98</td>
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<td>99</td>
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</table>
How long have you had a back or neck problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA4 = '1'

Description: Sample adults aged 18+ years with difficulty due to back or neck problem

Notes: See the Survey Description Document for more information.

Duration of back or neck problem: Time unit

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

How long have you had a back or neck problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA4 = '1'

Description: Sample adults aged 18+ years with difficulty due to back or neck problem

Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA4. See the Survey Description Document for more information.

Duration (in years) of back or neck problem, recode 1

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had a back or neck problem?

Universe:  ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA4 = '1'

Description:  Sample adults aged 18+ years with difficulty due to back or neck problem

Sources:  ALTIME4; ALUNIT4

Recodes:  ALCHRC4

Keywords:  functional limitation; back/neck problem

Notes:  See the Survey Description Document for more information.

Duration of back or neck problem, recode 2

1  Less than 3 months
2  3-5 months
3  6-12 months
4  More than 1 year
7  Refused
8  Not ascertained
9  Don't know

How long have you had a back or neck problem?

Universe:  ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA4 = '1'

Description:  Sample adults aged 18+ years with difficulty due to back or neck problem

Sources:  AFLHCA4; ALDURB4

Recodes:  ALCNDRT; ALCHRONR

Keywords:  functional limitation; back/neck problem

Notes:  Condition was coded as chronic (ALCHRC4 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Back or neck problem condition status recode

1  Chronic
2  Not chronic
9  Unknown if chronic
**How long have you had a fracture, bone, or joint injury?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA5 = '1'

**Description:**  
Sample adults aged 18+ years with difficulty due to fracture, bone/joint injury

**Sources:**  
AHCL05N

**Recodes:**  
ALDURA5; ALDURB5; ALCHRC5

**Keywords:**  
functional limitation; fracture; bone/joint injury

**Notes:**  
Years are topcoded at 85. See the Survey Description Document for more information.

**Duration of fracture, bone/joint injury: Number of units**

<table>
<thead>
<tr>
<th>Duration</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**Question ID:** AHS.304_02.000  
**Instrument Variable Name:** AHCL05T

**Final Documentation Name:** ALUNIT5

**How long have you had a fracture, bone, or joint injury?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA5 = '1'

**Description:**  
Sample adults aged 18+ years with difficulty due to fracture, bone/joint injury

**Sources:**  
AHCL05T

**Recodes:**  
ALDURA5; ALDURB5; ALCHRC5

**Keywords:**  
functional limitation; fracture; bone/joint injury

**Notes:**  
See the Survey Description Document for more information.

**Duration of fracture, bone/joint injury: Time unit**

<table>
<thead>
<tr>
<th>Duration</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
</tr>
<tr>
<td>2</td>
<td>Week(s)</td>
</tr>
<tr>
<td>3</td>
<td>Month(s)</td>
</tr>
<tr>
<td>4</td>
<td>Year(s)</td>
</tr>
<tr>
<td>6</td>
<td>Since birth</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**Question ID:** AHS.304_02.000  
**R01 RECODE**  
**Instrument Variable Name:**  
**Final Documentation Name:** ALDURA5

### How long have you had a fracture, bone, or joint injury?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA5 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to fracture, bone/joint injury

**Sources:** ALTIME5; ALUNIT5

**Recodes:** ALDURB5; ALCHRC5

**Keywords:** functional limitation; fracture; bone/joint injury

**Notes:** Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA5. See the Survey Description Document for more information.

#### Duration (in years) of fracture, bone/joint injury, recode 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**Question ID:** AHS.304_02.000  
**R02 RECODE**  
**Instrument Variable Name:**  
**Final Documentation Name:** ALDURB5

### How long have you had a fracture, bone, or joint injury?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA5 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to fracture, bone/joint injury

**Sources:** ALTIME5; ALUNIT5

**Recodes:** ALCHRC5

**Keywords:** functional limitation; fracture; bone/joint injury

**Notes:** See the Survey Description Document for more information.

#### Duration of fracture, bone/joint injury, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
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<tr>
<td>2</td>
<td>3-5 months</td>
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<tr>
<td>3</td>
<td>6-12 months</td>
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<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
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<tr>
<td>9</td>
<td>Don't know</td>
</tr>
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</table>
Question ID: AHS.304_02.000  
Instrument Variable Name:  
Final Documentation Name: ALCHRC5

**How long have you had a fracture, bone, or joint injury?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA5 = '1'  
**Description:** Sample adults aged 18+ years with difficulty due to fracture, bone/joint injury

**Sources:** AFLHCA5; ALDURB5  
**Recodes:** ALCNDRT; ALCHRONR  
**Keywords:** functional limitation; fracture; bone/joint injury  
**Notes:** Condition was coded as chronic (ALCHRC5 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Fracture, bone/joint injury condition status recode  
1 Chronic  
2 Not chronic  
9 Unknown if chronic

---

Question ID: AHS.305_01.000  
Instrument Variable Name: AHCL06N  
Final Documentation Name: ALTIME6

**How long have you had the {other (if AFLHCA=5)} injury that caused your limitation?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA6 = '1'  
**Description:** Sample adults aged 18+ years with difficulty due to other injury

**Sources:** AHCL06N  
**Recodes:** ALDURA6; ALDURB6; ALCHRC6  
**Keywords:** functional limitation; other injury  
**Notes:** Years are topcoded at 85. See the Survey Description Document for more information.

Duration of other injury: Number of units  
01-94: 1-94  
95: 95+  
96: Since birth  
97: Refused  
98: Not ascertained  
99: Don't know
How long have you had the {other (if AFLHCA=5)} injury that caused your limitation?

Duration of other injury: Time unit

1  Day(s)
2  Week(s)
3  Month(s)
4  Year(s)
6  Since birth
7  Refused
8  Not ascertained
9  Don't know

Duration (in years) of other injury, recode 1

00  Less than 1 year
01-84  01-84 years
85  85+ years
96  Unknown number of years
97  Refused
98  Not ascertained
99  Don't know
How long have you had the {other (if AFLHCA=5)} injury that caused your limitation?

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA6 = '1'

Description: Sample adults aged 18+ years with difficulty due to other injury

Sources: ALTIME6; ALUNIT6
Recodes: ALCHRC6
Keywords: functional limitation; other injury
Notes: See the Survey Description Document for more information.

Duration of other injury, recode 2

1  Less than 3 months
2  3-5 months
3  6-12 months
4  More than 1 year
7  Refused
8  Not ascertained
9  Don't know

How long have you had the {other (if AFLHCA=5)} injury that caused your limitation?

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA6 = '1'

Description: Sample adults aged 18+ years with difficulty due to other injury

Sources: AFLHCA6; ALDURB6
Recodes: ALCNDR6; ALCHRONR
Keywords: functional limitation; other injury
Notes: Condition was coded as chronic (ALCHRC6 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Other injury condition status recode

1  Chronic
2  Not chronic
9  Unknown if chronic
**Question ID:** AHS.306_01.000  
**Instrument Variable Name:** AHCL07N  
**Final Documentation Name:** ALTIME7

### How long have you had a heart problem?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA7 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to heart problem

**Sources:** AHCL07N

**Recodes:** ALDURA7; ALDURB7; ALCHRC7

**Keywords:** functional limitation; heart problem

**Notes:** Years are topcoded at 85. See the Survey Description Document for more information.

**Duration of heart problem: Number of units**

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
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<tr>
<td>95</td>
<td>95+</td>
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<td>96</td>
<td>Since birth</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**Question ID:** AHS.306_02.000  
**Instrument Variable Name:** AHCL07T  
**Final Documentation Name:** ALUNIT7

### How long have you had a heart problem?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA7 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to heart problem

**Sources:** AHCL07T

**Recodes:** ALDURA7; ALDURB7; ALCHRC7

**Keywords:** functional limitation; heart problem

**Notes:** See the Survey Description Document for more information.

**Duration of heart problem: Time unit**

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
</tr>
<tr>
<td>2</td>
<td>Week(s)</td>
</tr>
<tr>
<td>3</td>
<td>Month(s)</td>
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<tr>
<td>4</td>
<td>Year(s)</td>
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<tr>
<td>6</td>
<td>Since birth</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had a heart problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA7 = '1'

Description: Sample adults aged 18+ years with difficulty due to heart problem

Sources: ALTIME7; ALUNIT7

Recodes: ALDURB7; ALCHRC7

Keywords: functional limitation; heart problem

Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA7. See the Survey Description Document for more information.

Duration (in years) of heart problem, recode 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
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<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

How long have you had a heart problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA7 = '1'

Description: Sample adults aged 18+ years with difficulty due to heart problem

Sources: ALTIME7; ALUNIT7

Recodes: ALCHRC7

Keywords: functional limitation; heart problem

Notes: See the Survey Description Document for more information.

Duration of heart problem, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Less than 3 months</td>
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<tr>
<td>2</td>
<td>3-5 months</td>
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<td>3</td>
<td>6-12 months</td>
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<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**How long have you had a heart problem?**

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA7 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to heart problem

**Sources:** AFLHCA7; ALDURB7

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; heart problem

**Notes:** Condition was coded as chronic (ALCHRC7 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

**Heart problem condition status recode**

<table>
<thead>
<tr>
<th>Code</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
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<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>

**How long have you had a stroke problem?**

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA8 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to stroke problem

**Sources:** AHCL08N

**Recodes:** ALDURA8; ALDURB8; ALCHRC8

**Keywords:** functional limitation; stroke

**Notes:** Years are topcoded at 85. See the Survey Description Document for more information.

**Duration of stroke problem: Number of units**

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: AHS.307_02.000

How long have you had a stroke problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA8 = '1'
Description: Sample adults aged 18+ years with difficulty due to stroke problem

Duration of stroke problem: Time unit

1  Day(s)
2  Week(s)
3  Month(s)
4  Year(s)
6  Since birth
7  Refused
8  Not ascertained
9  Don't know

Question ID: AHS.307_02.000 R01 RECODE

How long have you had a stroke problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA8 = '1'
Description: Sample adults aged 18+ years with difficulty due to stroke problem

Duration (in years) of stroke problem, recode 1

00  Less than 1 year
01-84  01-84 years
85  85+ years
96  Unknown number of years
97  Refused
98  Not ascertained
99  Don't know
### How long have you had a stroke problem?

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA8 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to stroke problem

**Sources:** ALTIME8; ALUNIT8

**Recodes:** ALCHRC8

**Keywords:** functional limitation; stroke

**Notes:** See the Survey Description Document for more information.

**Duration of stroke problem, recode 2**

<table>
<thead>
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<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

### How long have you had a stroke problem?

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA8 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to stroke problem

**Sources:** AFLHCA8; ALDURB8

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; stroke

**Notes:** Condition was coded as chronic (ALCHRC8 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

**Stroke problem condition status recode**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
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<td>Chronic</td>
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<tr>
<td>2</td>
<td>Not chronic</td>
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<tr>
<td>9</td>
<td>Unknown if chronic</td>
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</table>
**2016 NATIONAL HEALTH INTERVIEW SURVEY**
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 13-Jun-17

**Question ID:** AHS.308_01.000
**Instrument Variable Name:** AHCL09N
**Final Documentation Name:** ALTIME9

**How long have you had hypertension or high blood pressure?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA9 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to hypertension/high blood pressure

**Sources:** AHCL09N

**Recodes:** ALDURA9; ALDURB9; ALCHRC9

**Keywords:** functional limitation; hypertension; high blood pressure

**Notes:** Years are topcoded at 85. See the Survey Description Document for more information.

Duration of hypertension or high blood pressure: Number of units

<table>
<thead>
<tr>
<th>Duration</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>Since birth</td>
<td>96</td>
</tr>
<tr>
<td>Refused</td>
<td>97</td>
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<tr>
<td>Not ascertained</td>
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**Question ID:** AHS.308_02.000
**Instrument Variable Name:** AHCL09T
**Final Documentation Name:** ALUNIT9

**How long have you had hypertension or high blood pressure?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA9 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to hypertension/high blood pressure

**Sources:** AHCL09T

**Recodes:** ALDURA9; ALDURB9; ALCHRC9

**Keywords:** functional limitation; hypertension; high blood pressure

**Notes:** See the Survey Description Document for more information.

Duration of hypertension or high blood pressure: Time unit

<table>
<thead>
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<th>Duration</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Day(s)</td>
<td>1</td>
</tr>
<tr>
<td>Week(s)</td>
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<td>Month(s)</td>
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<td>Year(s)</td>
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<tr>
<td>Since birth</td>
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<td>Refused</td>
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<tr>
<td>Not ascertained</td>
<td>8</td>
</tr>
<tr>
<td>Don't know</td>
<td>9</td>
</tr>
</tbody>
</table>
How long have you had hypertension or high blood pressure?

Duration (in years) of hypertension or high blood pressure: recode 1

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
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<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

How long have you had hypertension or high blood pressure?

Duration of hypertension or high blood pressure: recode 2

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had hypertension or high blood pressure?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA9 = '1'

Description: Sample adults aged 18+ years with difficulty due to hypertension/high blood pressure

Sources: AFLHCA9; ALDURB9

Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; hypertension; high blood pressure

Notes: Condition was coded as chronic (ALCHRC9 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Hypertension or high blood pressure condition status recode

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>

How long have you had diabetes?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA10 = '1'

Description: Sample adults aged 18+ years with difficulty due to diabetes

Sources: AHCL10N

Recodes: ALDURA10; ALDURB10; ALCHRC10

Keywords: functional limitation; diabetes

Notes: Years are topcoded at 85. See the Survey Description Document for more information.

Duration of diabetes: Number of units

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had diabetes?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA10 = '1'

Description: Sample adults aged 18+ years with difficulty due to diabetes

Sources: AHCL10T

Recodes: ALDURA10; ALDURB10; ALCHRC10

Keywords: functional limitation; diabetes

Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA10. See the Survey Description Document for more information.

Duration of diabetes: Time unit

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Don't know</td>
</tr>
<tr>
<td>1</td>
<td>Day(s)</td>
</tr>
<tr>
<td>2</td>
<td>Week(s)</td>
</tr>
<tr>
<td>3</td>
<td>Month(s)</td>
</tr>
<tr>
<td>4</td>
<td>Year(s)</td>
</tr>
<tr>
<td>5</td>
<td>Since birth</td>
</tr>
<tr>
<td>6</td>
<td>Refused</td>
</tr>
<tr>
<td>7</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Duration (in years) of diabetes, recode 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**How long have you had diabetes?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA10 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to diabetes

**Sources:** ALTIME10; ALUNIT10

**Recodes:** ALCHRC10

**Keywords:** functional limitation; diabetes

**Notes:** See the Survey Description Document for more information.

### Duration of diabetes, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

---

**How long have you had diabetes?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA10 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to diabetes

**Sources:** AFLHCA10; ALDURB10

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; diabetes

**Notes:** Condition was coded as chronic (ALCHRC10 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

### Diabetes condition status recode

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>
2016 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 13-Jun-17

Question ID: AHS.310_01.000
Instrument Variable Name: AHCL11N
Final Documentation Name: ALTIME11

How long have you had a lung or breathing problem (e.g., asthma and emphysema)?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA11 = '1'
Description: Sample adults aged 18+ years with difficulty due to lung/breathing problem

Sources: AHCL11N
Recodes: ALDURA11; ALDURB11; ALCHRC11
Keywords: functional limitation; lung problem; breathing problem; asthma; emphysema; respiratory allergy
Notes: Years are topcoded at 85. See the Survey Description Document for more information.

Duration of lung/breathing problem (e.g., asthma and emphysema): Number of units

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: AHS.310_02.000
Instrument Variable Name: AHCL11T
Final Documentation Name: ALUNIT11

How long have you had a lung or breathing problem (e.g., asthma and emphysema)?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA11 = '1'
Description: Sample adults aged 18+ years with difficulty due to lung/breathing problem

Sources: AHCL11T
Recodes: ALDURA11; ALDURB11; ALCHRC11
Keywords: functional limitation; lung problem; breathing problem; asthma; emphysema; respiratory allergy
Notes: See the Survey Description Document for more information.

Duration of lung/breathing problem: (e.g., asthma and emphysema) Time unit

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
</tr>
<tr>
<td>2</td>
<td>Week(s)</td>
</tr>
<tr>
<td>3</td>
<td>Month(s)</td>
</tr>
<tr>
<td>4</td>
<td>Year(s)</td>
</tr>
<tr>
<td>6</td>
<td>Since birth</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
### Question ID: AHS.310_02.000 R01 RECODE

**Instrument Variable Name:**
- ALDURA11

**Final Documentation Name:**
- ALDURA11

**How long have you had a lung or breathing problem (e.g., asthma and emphysema)?**

**Universe:**
- ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA11 = '1'

**Description:**
- Sample adults aged 18+ years with difficulty due to lung/breathing problem

**Sources:**
- ALTIME11; ALUNIT11

**Recodes:**
- ALDURB11; ALCHRC11

**Keywords:**
- functional limitation; lung problem; breathing problem; asthma; emphysema; respiratory allergy

**Notes:**
- Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA11. See the Survey Description Document for more information.

**Duration (in years) of lung/breathing problem (e.g., asthma), recode 1**

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

### Question ID: AHS.310_02.000 R02 RECODE

**Instrument Variable Name:**
- ALDURB11

**Final Documentation Name:**
- ALDURB11

**How long have you had a lung or breathing problem (e.g., asthma and emphysema)?**

**Universe:**
- ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA11 = '1'

**Description:**
- Sample adults aged 18+ years with difficulty due to lung/breathing problem

**Sources:**
- ALTIME11; ALUNIT11

**Recodes:**
- ALCHRC11

**Keywords:**
- functional limitation; lung problem; breathing problem; asthma; emphysema; respiratory allergy

**Notes:**
- See the Survey Description Document for more information.

**Duration of lung/breathing problem (e.g., asthma and emphysema), recode 2**

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had a lung or breathing problem (e.g., asthma and emphysema)?

Universe: \( \text{ASTATFLG} = '1' \) and \( \text{AGE} \geq '018' \) and \( \text{AGE} \) not IN ('997','999') and \( \text{AFLHCA11} = '1' \)

Description: Sample adults aged 18+ years with difficulty due to lung/breathing problem

Sources: AFLHCA11; ALDURB11

Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; lung problem; breathing problem; asthma; emphysema; respiratory allergy

Notes: Condition was coded as chronic (ALCHRC11 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Lung/breathing problem (e.g., asthma and emphysema) condition status recode

- 1: Chronic
- 2: Not chronic
- 9: Unknown if chronic

How long have you had cancer?

Universe: \( \text{ASTATFLG} = '1' \) and \( \text{AGE} \geq '018' \) and \( \text{AGE} \) not IN ('997','999') and \( \text{AFLHCA12} = '1' \)

Description: Sample adults aged 18+ years with difficulty due to cancer

Sources: AHCL12N

Recodes: ALCNUR12; ALDURB12; ALCHRC12

Keywords: functional limitation; cancer

Notes: Years are topcoded at 85. See the Survey Description Document for more information.

Duration of cancer: Number of units

- 01-94: 1-94
- 95: 95+
- 96: Since birth
- 97: Refused
- 98: Not ascertained
- 99: Don't know
How long have you had cancer?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA12 = '1'
Description: Sample adults aged 18+ years with difficulty due to cancer

Duration of cancer: Time unit

1   Day(s)
2   Week(s)
3   Month(s)
4   Year(s)
6   Since birth
7   Refused
8   Not ascertained
9   Don't know

How long have you had cancer?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA12 = '1'
Description: Sample adults aged 18+ years with difficulty due to cancer

Duration (in years) of cancer, recode 1

00   Less than 1 year
01-84 01-84 years
85   85+ years
96   Unknown number of years
97   Refused
98   Not ascertained
99   Don't know

Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA12. See the Survey Description Document for more information.
How long have you had cancer?

Universal: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA12 = '1'

Description: Sample adults aged 18+ years with difficulty due to cancer

Sources: ALTIME12; ALUNIT12

Recodes: ALCHRC12

Keywords: functional limitation; cancer

Notes: See the Survey Description Document for more information.

Duration of cancer, recode 2

1 Less than 3 months
2 3-5 months
3 6-12 months
4 More than 1 year
7 Refused
8 Not ascertained
9 Don't know

How long have you had cancer?

Universal: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA12 = '1'

Description: Sample adults aged 18+ years with difficulty due to cancer

Sources: AFLHCA12; ALDURB12

Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; cancer

Notes: Condition was coded as chronic (ALCHRC12 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Cancer condition status recode

1 Chronic
2 Not chronic
9 Unknown if chronic
2016 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 13-Jun-17

Question ID: AHS.312_01.000
Instrument Variable Name: AHCL13N
Final Documentation Name: ALTIME13

How long have you had a birth defect?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA13 = '1'
Description: Sample adults aged 18+ years with difficulty due to birth defect

Sources: AHCL13N
Recodes: ALDURA13; ALDURB13; ALCHRC13
Keywords: functional limitation; birth defect
Notes: Years are topcoded at 85. See the Survey Description Document for more information.

Duration of birth defect: Number of units

<table>
<thead>
<tr>
<th>Duration</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: AHS.312_02.000
Instrument Variable Name: AHCL13T
Final Documentation Name: ALUNIT13

How long have you had a birth defect?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA13 = '1'
Description: Sample adults aged 18+ years with difficulty due to birth defect

Sources: AHCL13T
Recodes: ALDURA13; ALDURB13; ALCHRC13
Keywords: functional limitation; birth defect
Notes: See the Survey Description Document for more information.

Duration of birth defect: Time unit

<table>
<thead>
<tr>
<th>Duration</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
</tr>
<tr>
<td>2</td>
<td>Week(s)</td>
</tr>
<tr>
<td>3</td>
<td>Month(s)</td>
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<tr>
<td>4</td>
<td>Year(s)</td>
</tr>
<tr>
<td>6</td>
<td>Since birth</td>
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<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had a birth defect?

Duration (in years) of birth defect, recode 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

How long have you had a birth defect?

Duration of birth defect, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**2016 NATIONAL HEALTH INTERVIEW SURVEY**  
**Sample Adult**  
**samadult : Adult Health Status & Limitations**  
**PUBLIC USE**  
**Document Version Date: 13-Jun-17**

**Question ID:** AHS.312_02.000  
**R03 RECODE**  
**Instrument Variable Name:**  
**Final Documentation Name:** ALCHRC13

**How long have you had a birth defect?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA13 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to birth defect

**Sources:** AFLHCA13; ALDURB13  
**Recodes:** ALCNDRT; ALCHRONR  
**Keywords:** functional limitation; birth defect  
**Notes:** Condition was coded as chronic (ALCHRC13 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

**Birth defect condition status recode**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>

**Question ID:** AHS.313_01.000  
**Instrument Variable Name:** AHCL14N  
**Final Documentation Name:** ATIME14A

**How long have you had intellectual disability, also known as mental retardation?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ALHCA14a = '1'

**Description:** Sample adults aged 18+ years with difficulty due to intellectual disability, also known as mental retardation

**Sources:** AHCL14N  
**Recodes:** ADURA14A; ADURB14A; ACHRC14A  
**Keywords:** functional limitation; intellectual disability; mental retardation  
**Notes:** This variable replaces ALTIME14 that appeared in previous survey years. See the note for ALHCA14a for more information. Years are topcoded at 85. See the Survey Description Document for more information.

**Duration of intellectual disability, AKA mental retardation: Number of units**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had intellectual disability, also known as mental retardation?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ALHCA14A = '1'

Description: Sample adults aged 18+ years with difficulty due to mental retardation

Sources: AHCL14T

Recodes: ADURA14A; ADURB14A; ACHRC14A

Keywords: functional limitation; intellectual disability; mental retardation

Notes: This variable replaces ALUNIT14 that appeared in previous survey years. See the note for ALHCA14a for more information. See the Survey Description Document for a more detailed explanation.

Duration of intellectual disability, also known as mental retardation: Time unit

1 Day(s)
2 Week(s)
3 Month(s)
4 Year(s)
6 Since birth
7 Refused
8 Not ascertained
9 Don't know

How long have you had intellectual disability, also known as mental retardation?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA14a = '1'

Description: Sample adults aged 18+ years with difficulty due to intellectual disability, also known as mental retardation

Sources: ATIME14a; AUNIT14a

Recodes: ADURB14a; ACHRC14a

Keywords: functional limitation; intellectual disability; mental retardation

Notes: This variable replaces ALDURA14 that appeared in previous survey years. See the note for ALHCA14a for more information. Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ADURA14a. See the Survey Description Document for more information.

Duration (in years) of intellectual disability, AKA mental retardation, recode 1

00 Less than 1 year
01-84 01-84 years
85 85+ years
96 Unknown number of years
97 Refused
98 Not ascertained
99 Don't know
How long have you had intellectual disability, also known as mental retardation?

Universe: \( \text{ASTATFLG} = '1' \text{ and } (\text{AGE} \geq '018' \text{ and } \text{AGE} \not\in ('997','999')) \text{ and } \text{ALHCA14a} = '1' \)

Description: Sample adults aged 18+ years with difficulty due to intellectual disability, also known as mental retardation

Sources: \text{ATIME14a; AUNIT14a}

Recodes: \text{ACHRC14a}

Keywords: functional limitation; intellectual disability; mental retardation

Notes: This variable replaces \text{ALHCA14a} that appeared in previous survey years. See the note for \text{ALHCA14a} for more information.

Duration of intellectual disability, also known as mental retardation, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

How long have you had intellectual disability, also known as mental retardation?

Universe: \( \text{ASTATFLG} = '1' \text{ and } (\text{AGE} \geq '018' \text{ and } \text{AGE} \not\in ('997','999')) \text{ and } \text{ALHCA14a} = '1' \)

Description: Sample adults aged 18+ years with difficulty due to intellectual disability, also known as mental retardation

Sources: \text{ALHCA14a; ADURB14a}

Recodes: \text{ALCNDRT; ALCHRONR}

Keywords: functional limitation; intellectual disability; mental retardation

Notes: This variable replaces \text{ALCHRC14a} that appeared in previous survey years. See the note for \text{ALHCA14a} for more information. Condition was coded as chronic (\text{ACHRC14a} = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Intellectual disability, AKA mental retardation condition status recode

<table>
<thead>
<tr>
<th>Code</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>
Question ID: AHS.314_01.000  
Instrument Variable Name: AHCL15N
Final Documentation Name: ALTIME15

How long have you had an other developmental problem (e.g., cerebral palsy)?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA15 = '1'

Description: Sample adults aged 18+ years with difficulty due to other developmental problem

Sources: AHCL15N
Recodes: ALDURA15; ALDURB15; ALCHRC15
Keywords: functional limitation; other developmental problem; cerebral palsy
Notes: Years are topcoded at 85. See the Survey Description Document for more information.

Duration of other developmental problem (e.g., cerebral palsy): Number of units

| 01-94 | 1-94 |
| 95    | 95+  |
| 96    | Since birth |
| 97    | Refused |
| 98    | Not ascertained |
| 99    | Don't know |

Question ID: AHS.314_02.000  
Instrument Variable Name: AHCL15T
Final Documentation Name: ALUNIT15

How long have you had an other developmental problem (e.g., cerebral palsy)?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA15 = '1'

Description: Sample adults aged 18+ years with difficulty due to other developmental problem

Sources: AHCL15T
Recodes: ALDURA15; ALDURB15; ALCHRC15
Keywords: functional limitation; other developmental problem; cerebral palsy
Notes: See the Survey Description Document for more information.

Duration of other developmental problem (e.g., cerebral palsy): Time unit

| 1     | Day(s) |
| 2     | Week(s) |
| 3     | Month(s) |
| 4     | Year(s) |
| 6     | Since birth |
| 7     | Refused |
| 8     | Not ascertained |
| 9     | Don't know |
How long have you had an other developmental problem (e.g., cerebral palsy)?

Duration (in years) of other developmental problem (eg cerebral palsy), recode 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

How long have you had an other developmental problem (e.g., cerebral palsy)?

Duration of other developmental problem (e.g., cerebral palsy), recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
### Question ID: AHS.314_02.000  
**R03 RECODE**

**Instrument Variable Name:**  
Final Documentation Name: ALCHRC15

**How long have you had an other developmental problem (e.g., cerebral palsy)?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHCA15 = '1'

**Description:**  
Sample adults aged 18+ years with difficulty due to other developmental problem

**Sources:**  
AFLHCA15; ALDURB15

**Recodes:**  
ALCNDRT; ALCHRONR

**Keywords:**  
functional limitation; other developmental problem; cerebral palsy

**Notes:**  
Condition was coded as chronic (ALCHRC15 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

<table>
<thead>
<tr>
<th>Recode</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>

### Question ID: AHS.315_01.000

**Instrument Variable Name:** AHCL16N

**Final Documentation Name:** ALTIME16

**How long have you had senility?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHCA16 = '1'

**Description:**  
Sample adults aged 18+ years with difficulty due to senility

**Sources:**  
AHCL16N

**Recodes:**  
ALDURA16; ALDURB16; ALCHRC16

**Keywords:**  
functional limitation; senility; dementia; Alzheimer's

**Notes:**  
Years are topcoded at 85. See the Survey Description Document for more information.

<table>
<thead>
<tr>
<th>Duration of Senility</th>
<th>Number of units</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**2016 NATIONAL HEALTH INTERVIEW SURVEY**
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 13-Jun-17

**Question ID:** AHS.315_02.000
**Instrument Variable Name:** AHCL16T
**Final Documentation Name:** ALUNIT16

---

### How long have you had senility?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA16 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to senility

**Sources:** AHCL16T
**Recodes:** ALDURA16; ALDURB16; ALCHRC16

**Keywords:** functional limitation; senility; dementia; Alzheimer's

**Notes:** See the Survey Description Document for more information.

**Duration of senility: Time unit**

<table>
<thead>
<tr>
<th>Duration</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Day(s)</td>
<td>00</td>
</tr>
<tr>
<td>2 Week(s)</td>
<td>01-84</td>
</tr>
<tr>
<td>3 Month(s)</td>
<td>85</td>
</tr>
<tr>
<td>4 Year(s)</td>
<td>96</td>
</tr>
<tr>
<td>Since birth</td>
<td>96</td>
</tr>
<tr>
<td>Refused</td>
<td>97</td>
</tr>
<tr>
<td>Not ascertained</td>
<td>98</td>
</tr>
<tr>
<td>Don't know</td>
<td>99</td>
</tr>
</tbody>
</table>

---

**Question ID:** AHS.315_02.000 R01 RECODE
**Instrument Variable Name:**
**Final Documentation Name:** ALDURA16

---

### How long have you had senility?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA16 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to senility

**Sources:** ALTIME16; ALUNIT16
**Recodes:** ALDURB16; ALCHRC16

**Keywords:** functional limitation; senility; dementia; Alzheimer's

**Notes:** Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA16. See the Survey Description Document for more information.

**Duration (in years) of senility, recode 1**

<table>
<thead>
<tr>
<th>Duration</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 1 year</td>
<td>00</td>
</tr>
<tr>
<td>01-84 years</td>
<td>01-84</td>
</tr>
<tr>
<td>85+ years</td>
<td>85</td>
</tr>
<tr>
<td>Unknown number of years</td>
<td>96</td>
</tr>
<tr>
<td>Refused</td>
<td>97</td>
</tr>
<tr>
<td>Not ascertained</td>
<td>98</td>
</tr>
<tr>
<td>Don't know</td>
<td>99</td>
</tr>
</tbody>
</table>
### 2016 NATIONAL HEALTH INTERVIEW SURVEY
**Sample Adult**
**samadult : Adult Health Status & Limitations**
**PUBLIC USE**
**Document Version Date: 13-Jun-17**

**Question ID:** AHS.315_02.000  **R02 RECODE**  **Instrument Variable Name:** ALDURB16

#### How long have you had senility?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA16 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to senility

**Sources:** ALTIME16; ALUNIT16

**Recodes:** ALCHRC16

**Keywords:** functional limitation; senility; dementia; Alzheimer's

**Notes:** See the Survey Description Document for more information.

**Duration of senility, recode 2**

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**Question ID:** AHS.315_02.000  **R03 RECODE**  **Instrument Variable Name:** ALCHRC16

#### How long have you had senility?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA16 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to senility

**Sources:** AFLHCA16; ALDURB16

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; senility; dementia; Alzheimer's

**Notes:** Condition was coded as chronic (ALCHRC16 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

**Senility condition status recode**

<table>
<thead>
<tr>
<th>Code</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>
How long have you had depression, anxiety, or an emotional problem?

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHCA17 = '1'

**Description:**  
Sample adults aged 18+ years with difficulty due to depression/anxiety/emotional problem

**Sources:**  
AHCL17N

**Recodes:**  
ALDURA17; ALDURB17; ALCHRC17

**Keywords:**  
functional limitation; depression; anxiety; emotional problem

**Notes:**  
Years are topcoded at 85. See the Survey Description Document for more information.

Duration of depression/anxiety/emotional problem: Number of units

<table>
<thead>
<tr>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

---

Duration of depression/anxiety/emotional problem: Time unit

<table>
<thead>
<tr>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
</tr>
<tr>
<td>2</td>
<td>Week(s)</td>
</tr>
<tr>
<td>3</td>
<td>Month(s)</td>
</tr>
<tr>
<td>4</td>
<td>Year(s)</td>
</tr>
<tr>
<td>5</td>
<td>Since birth</td>
</tr>
<tr>
<td>6</td>
<td>Refused</td>
</tr>
<tr>
<td>7</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>8</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
### How long have you had depression, anxiety, or an emotional problem?

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA17 = '1'

**Description:**
Sample adults aged 18+ years with difficulty due to depression/anxiety/emotional problem

**Sources:**
ALTIME17; ALUNIT17

**Recodes:**
ALDURB17; ALCHRC17

**Keywords:**
functional limitation; depression; anxiety; emotional problem

**Notes:**
Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA17. See the Survey Description Document for more information.

### Duration (in years) of depression/anxiety/emotional problem, recode 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

### How long have you had depression, anxiety, or an emotional problem?

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA17 = '1'

**Description:**
Sample adults aged 18+ years with difficulty due to depression/anxiety/emotional problem

**Sources:**
ALTIME17; ALUNIT17

**Recodes:**
ALCHRC17

**Keywords:**
functional limitation; depression; anxiety; emotional problem

**Notes:**
See the Survey Description Document for more information.

### Duration of depression/anxiety/emotional problem, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had depression, anxiety, or an emotional problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA17 = '1'

Description: Sample adults aged 18+ years with difficulty due to depression/anxiety/emotional problem

Sources: AFLHCA17; ALDURB17

Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; depression; anxiety; emotional problem

Notes: Condition was coded as chronic (ALCHRC17 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Depression/anxiety/emotional problem condition status recode

1 Chronic
2 Not chronic
9 Unknown if chronic

How long have you had a weight problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA18 = '1'

Description: Sample adults aged 18+ years with difficulty due to weight problem

Sources: AHCL18N

Recodes: ALDURA18; ALDURB18; ALCHRC18

Keywords: functional limitation; weight problem; overweight; obesity

Notes: Years are topcoded at 85. See the Survey Description Document for more information.

Duration of weight problem: Number of units

01-94 1-94
95 95+
96 Since birth
97 Refused
98 Not ascertained
99 Don't know
How long have you had a weight problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA18 = '1'

Description: Sample adults aged 18+ years with difficulty due to weight problem

Sources: AHCL18T

Recodes: ALDURA18; ALDURB18; ALCHRC18

Keywords: functional limitation; weight problem; overweight; obesity

Notes: See the Survey Description Document for more information.

Duration of weight problem: Time unit

<table>
<thead>
<tr>
<th>Duration</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Day(s)</td>
<td>00</td>
</tr>
<tr>
<td>2 Week(s)</td>
<td>01-84</td>
</tr>
<tr>
<td>3 Month(s)</td>
<td>85</td>
</tr>
<tr>
<td>4 Year(s)</td>
<td>96</td>
</tr>
<tr>
<td>Since birth</td>
<td>97</td>
</tr>
<tr>
<td>Refused</td>
<td>98</td>
</tr>
<tr>
<td>Not ascertained</td>
<td>99</td>
</tr>
<tr>
<td>Don't know</td>
<td></td>
</tr>
</tbody>
</table>

How long have you had a weight problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA18 = '1'

Description: Sample adults aged 18+ years with difficulty due to weight problem

Sources: ALTIME18; ALUNIT18

Recodes: ALDURB18; ALCHRC18

Keywords: functional limitation; weight problem; overweight; obesity

Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA18. See the Survey Description Document for more information.

Duration (in years) of weight problem, recode 1

<table>
<thead>
<tr>
<th>Duration</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 1 year</td>
<td>00</td>
</tr>
<tr>
<td>01-84 years</td>
<td>01-84</td>
</tr>
<tr>
<td>85+ years</td>
<td>85</td>
</tr>
<tr>
<td>Unknown number of years</td>
<td>96</td>
</tr>
<tr>
<td>Refused</td>
<td>97</td>
</tr>
<tr>
<td>Not ascertained</td>
<td>98</td>
</tr>
<tr>
<td>Don't know</td>
<td>99</td>
</tr>
</tbody>
</table>
How long have you had a weight problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA18 = '1'

Description: Sample adults aged 18+ years with difficulty due to weight problem

Sources: ALTIME18; ALUNIT18

Recodes: ALCNDR1; ALCHRONR

Keywords: functional limitation; weight problem; overweight; obesity

Notes: Condition was coded as chronic (ALCHRC18 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Duration of weight problem, recode 2

1 Less than 3 months
2 3-5 months
3 6-12 months
4 More than 1 year
7 Refused
8 Not ascertained
9 Don't know

How long have you had a weight problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA18 = '1'

Description: Sample adults aged 18+ years with difficulty due to weight problem

Sources: AFLHCA18; ALDURB18

Recodes: ALCNDR1; ALCHRONR

Keywords: functional limitation; weight problem; overweight; obesity

Notes: See the Survey Description Document for more information.
### Question ID: AHS.318_01.000 RECODE

**Instrument Variable Name:** AHCL19N  
**Final Documentation Name:** ALTIME19

**How long have you had missing limbs (fingers, toes, or digits)?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC19_ = '1'

**Description:**  
Sample adults aged 18+ years with difficulty due to missing limbs (fingers, toes, or digits); amputation

**Sources:** None

**Recodes:**  
ALDURA19; ALDURB19; ALCHRC19

**Keywords:**  
functional limitation; missing limbs (fingers, toes, or digits); amputee

**Notes:**  
Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC19_. See the Survey Description Document for more information.

#### Duration of missing limbs (fingers, toes); amputation: Number of units

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

### Question ID: AHS.318_02.000 RECODE

**Instrument Variable Name:** AHCL19T  
**Final Documentation Name:** ALUNIT19

**How long have you had missing limbs (fingers, toes, or digits)?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC19_ = '1'

**Description:**  
Sample adults aged 18+ years with difficulty due to missing limbs (fingers, toes, or digits); amputation

**Sources:** None

**Recodes:**  
ALDURA19; ALDURB19; ALCHRC19

**Keywords:**  
functional limitation; missing limbs (fingers, toes, or digits); amputee

**Notes:**  
This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC19_. See the Survey Description Document for more information.

#### Duration of missing limbs (fingers, toes, or digits); amputation: Time unit

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
</tr>
<tr>
<td>2</td>
<td>Week(s)</td>
</tr>
<tr>
<td>3</td>
<td>Month(s)</td>
</tr>
<tr>
<td>4</td>
<td>Year(s)</td>
</tr>
<tr>
<td>6</td>
<td>Since birth</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
### Question ID: AHS.318_02.000 R01 RECODE

**Instrument Variable Name:**

**Final Documentation Name:** ALDURA19

#### How long have you had missing limbs (fingers, toes, or digits)?

**Universe:**

ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC19_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to missing limbs (fingers, toes, or digits); amputation

**Sources:** ALTIME19; ALUNIT19

**Recodes:** ALDURB19; ALCHRC19

**Keywords:** functional limitation; missing limbs (fingers, toes, or digits); amputee

**Notes:** Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA19. See the Survey Description Document for more information.

#### Duration (in years) of missing limbs (fingers, toes); amputation, recode 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

---

### Question ID: AHS.318_02.000 R02 RECODE

**Instrument Variable Name:**

**Final Documentation Name:** ALDURB19

#### How long have you had missing limbs (fingers, toes, or digits)?

**Universe:**

ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC19_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to missing limbs (fingers, toes, or digits); amputation

**Sources:** ALTIME19; ALUNIT19

**Recodes:** ALCHRC19

**Keywords:** functional limitation; missing limbs (fingers, toes, or digits); amputee

**Notes:** See the Survey Description Document for more information.

#### Duration of missing limbs (fingers, toes, or digits); amputation, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had missing limbs (fingers, toes, or digits)?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC19_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to missing limbs (fingers, toes, or digits); amputation

**Sources:** AFLHC19_; ALDURB19

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; missing limbs (fingers, toes, or digits); amputee

**Notes:** Condition was coded as chronic (ALCHRC19 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

<table>
<thead>
<tr>
<th>Code</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>

How long have you had a musculoskeletal/connective tissue problem?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC20_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to musculoskeletal/connective tissue problem

**Sources:** None

**Recodes:** ALDURA20; ALDURB20; ALCHRC20

**Keywords:** functional limitation; musculoskeletal system; connective tissue

**Notes:** Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC20_. See the Survey Description Document for more information.

<table>
<thead>
<tr>
<th>Duration</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94 Number of units</td>
</tr>
<tr>
<td>95</td>
<td>95+ Number of units</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had a musculoskeletal/connective tissue problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC20_ = '1'

Description: Sample adults aged 18+ years with difficulty due to musculoskeletal/connective tissue problem

Duration of musculoskeletal/connective tissue problem: Time unit

1 Day(s)
2 Week(s)
3 Month(s)
4 Year(s)
6 Since birth
7 Refused
8 Not ascertained
9 Don't know

How long have you had a musculoskeletal/connective tissue problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC20_ = '1'

Description: Sample adults aged 18+ years with difficulty due to musculoskeletal/connective tissue problem

Duration (in years) of musculoskeletal/connective tissue problem, recode 1

00 Less than 1 year
01-84 01-84 years
85 85+ years
96 Unknown number of years
97 Refused
98 Not ascertained
99 Don't know
**Question ID:** AHS.319_02.000  R02 RECODE  Instrument Variable Name: Final Documentation Name: ALDURB20

**How long have you had a musculoskeletal/connective tissue problem?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC20_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to musculoskeletal/connective tissue problem

**Sources:** ALTIME20; ALUNIT20

**Recodes:** ALCHRC20

**Keywords:** functional limitation; musculoskeletal system; connective tissue

**Notes:** See the Survey Description Document for more information.

**Duration of musculoskeletal/connective tissue problem, recode 2**

<table>
<thead>
<tr>
<th></th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**Question ID:** AHS.319_02.000  R03 RECODE  Instrument Variable Name: Final Documentation Name: ALCHRC20

**How long have you had a musculoskeletal/connective tissue problem?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC20_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to musculoskeletal/connective tissue problem

**Sources:** AFLHC20_; ALDURB20

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; musculoskeletal system; connective tissue

**Notes:** Condition was coded as chronic (ALCHRC20 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

**Musculoskeletal/connective tissue problem condition status recode**

<table>
<thead>
<tr>
<th></th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>
How long have you had circulation problems (including blood clots)?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC21_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to circulation problems

**Sources:** None

**Recodes:** ALDURA21; ALDURB21; ALCHRC21

**Keywords:** functional limitation; circulation problem; circulatory system; blood clots

**Notes:** Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC21_. See the Survey Description Document for more information.

<table>
<thead>
<tr>
<th>Duration of circulation problems (including blood clots): Number of units</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
</tr>
<tr>
<td>95</td>
</tr>
<tr>
<td>96</td>
</tr>
<tr>
<td>97</td>
</tr>
<tr>
<td>98</td>
</tr>
<tr>
<td>99</td>
</tr>
</tbody>
</table>

---

How long have you had circulation problems (including blood clots)?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC21_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to circulation problems

**Sources:** None

**Recodes:** ALDURA21; ALDURB21; ALCHRC21

**Keywords:** functional limitation; circulation problem; circulatory system; blood clots

**Notes:** This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC21_. See the Survey Description Document for more information.

<table>
<thead>
<tr>
<th>Duration of circulation problems (including blood clots): Time unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>
How long have you had circulation problems (including blood clots)?

Universe: 
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC21_ = '1'

Description: Sample adults aged 18+ years with difficulty due to circulation problems

Sources: ALTIME21; ALUNIT21
Recodes: ALDURB21; ALCHRC21
Keywords: functional limitation; circulation problem; circulatory system; blood clots
Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA21. See the Survey Description Document for more information.

Duration (in years) of circulation problems (including blood clots), recode 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

How long have you had circulation problems (including blood clots)?

Universe: 
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC21_ = '1'

Description: Sample adults aged 18+ years with difficulty due to circulation problem

Sources: ALTIME21; ALUNIT21
Recodes: ALCHRC21
Keywords: functional limitation; circulation problem; circulatory system; blood clots
Notes: See the Survey Description Document for more information.

Duration of circulation problems (including blood clots), recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had circulation problems (including blood clots)?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC21_ = '1'

Description: Sample adults aged 18+ years with difficulty due to circulation problems

Sources: AFLHC21_; ALDURB21

Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; circulation problem; circulatory system; blood clots

Notes: Condition was coded as chronic (ALCHRC21 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Circulation problems (including blood clots) condition status recode

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>

How long have you had an endocrine/nutritional/metabolic problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC22_ = '1'

Description: Sample adults aged 18+ years with difficulty due to an endocrine/nutritional/metabolic problem

Sources: None

Recodes: ALDURA22; ALDURB22; ALCHRC22

Keywords: functional limitation; endocrine; nutritional; metabolic

Notes: Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC22_. See the Survey Description Document for more information.

Duration of endocrine/nutritional/metabolic problem: Number of units

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: AHS.321_02.000 RECODE

How long have you had an endocrine/nutritional/metabolic problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHC22_ = '1'

Description: Sample adults aged 18+ years with difficulty due to an endocrine/nutritional/metabolic problem

Sources: None

Recodes: ALDURA22; ALDURB22; ALCHRC22

Keywords: functional limitation; endocrine; nutritional; metabolic

Notes: This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC22_. See the Survey Description Document for more information.

Duration of endocrine/nutritional/metabolic problem: Time unit

1 Day(s)
2 Week(s)
3 Month(s)
4 Year(s)
6 Since birth
7 Refused
8 Not ascertained
9 Don't know

Question ID: AHS.321_02.000 R01 RECODE

How long have you had an endocrine/nutritional/metabolic problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHC22_ = '1'

Description: Sample adults aged 18+ years with difficulty due to an endocrine/nutritional/metabolic problem

Sources: ALTIME22; ALUNIT22

Recodes: ALDURB22; ALCHRC22

Keywords: functional limitation; endocrine; nutritional; metabolic

Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA22. See the Survey Description Document for more information.

Duration (in years) of endocrine/nutritional/metabolic problem, recode 1

00 Less than 1 year
01-84 01-84 years
85 85+ years
96 Unknown number of years
97 Refused
98 Not ascertained
99 Don't know
**Question ID:** AHS.321_02.000  
**R02 RECODE**  
**Instrument Variable Name:**  
**Final Documentation Name:** ALDURB22

**How long have you had an endocrine/nutritional/metabolic problem?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC22_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to an endocrine/nutritional/metabolic problem

**Sources:** ALTIME22; ALUNIT22

**Recodes:** ALCHRC22

**Keywords:** functional limitation; endocrine; nutritional; metabolic

**Notes:** See the Survey Description Document for more information.

Duration of endocrine/nutritional/metabolic problem, recode 2

1. Less than 3 months
2. 3-5 months
3. 6-12 months
4. More than 1 year
5. Refused
6. Not ascertained
7. Don't know

**Question ID:** AHS.321_02.000  
**R03 RECODE**  
**Instrument Variable Name:**  
**Final Documentation Name:** ALCHRC22

**How long have you had an endocrine/nutritional/metabolic problem?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC22_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to endocrine/nutritional/metabolic problem

**Sources:** AFLHC22_; ALDURB22

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; endocrine; nutritional; metabolic

**Notes:** Condition was coded as chronic (ALCHRC22 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Endocrine/nutritional/metabolic problem condition status recode

1. Chronic
2. Not chronic
3. Unknown if chronic
Question ID: AHS.322_01.000 RECODE
Instrument Variable Name: AHCL23N
Final Documentation Name: ALTIME23

How long have you had a nervous system/sensory organ condition?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC23_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a nervous system/sensory organ condition

Sources: None
Recodes: ALDURA23; ALDURB23; ALCHRC23
Keywords: functional limitation; nervous system; sensory organs
Notes: Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC23_. See the Survey Description Document for more information.

Duration of nervous system/sensory organ condition: Number of units

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: AHS.322_02.000 RECODE
Instrument Variable Name: AHCL23T
Final Documentation Name: ALUNIT23

How long have you had a nervous system/sensory organ condition?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC23_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a nervous system/sensory organ condition

Sources: None
Recodes: ALDURA23; ALDURB23; ALCHRC23
Keywords: functional limitation; nervous system; sensory organs
Notes: This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC23_. See the Survey Description Document for more information.

Duration of nervous system/sensory organ condition: Time unit

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
</tr>
<tr>
<td>2</td>
<td>Week(s)</td>
</tr>
<tr>
<td>3</td>
<td>Month(s)</td>
</tr>
<tr>
<td>4</td>
<td>Year(s)</td>
</tr>
<tr>
<td>6</td>
<td>Since birth</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had a nervous system/sensory organ condition?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC23_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a nervous system/sensory organ condition

Sources: ALTIME23; ALUNIT23

Recodes: ALDURB23; ALCHRC23

Keywords: functional limitation; nervous system; sensory organs

Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA23. See the Survey Description Document for more information.

Duration (in years) of nervous system/sensory organ condition, recode 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

How long have you had a nervous system/sensory organ condition?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC23_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a nervous system/sensory organ condition

Sources: ALTIME23; ALUNIT23

Recodes: ALCHRC23

Keywords: functional limitation; nervous system; sensory organs

Notes: See the Survey Description Document for more information.

Duration of nervous system/sensory organ condition, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: AHS.322_02.000 R03 RECODE

How long have you had a nervous system/sensory organ condition?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC23_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a nervous system/sensory organ condition

Sources: AFLHC23_; ALDURB23

Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; nervous system; sensory organs

Notes: Condition was coded as chronic (ALCHRC23 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Nervous system/sensory organ condition status recode:

- 1 Chronic
- 2 Not chronic
- 9 Unknown if chronic

Question ID: AHS.323_01.000 RECODE

How long have you had digestive system problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC24_ = '1'

Description: Sample adults aged 18+ years with difficulty due to digestive system problems

Sources: None

Recodes: ALDURA24; ALDURB24; ALCHRC24

Keywords: functional limitation; digestion

Notes: Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC24_. See the Survey Description Document for more information.

Duration of digestive system problems: Number of units:

- 01-94 1-94
- 95 95+
- 96 Since birth
- 97 Refused
- 98 Not ascertained
- 99 Don't know
Question ID: AHS.323_02.000 RECODE  
Instrument Variable Name: AHCL24T  
Final Documentation Name: ALUNIT24  

How long have you had digestive system problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC24_ = '1'

Description: Sample adults aged 18+ years with difficulty due to digestive system problems

Sources: None
Recodes: ALDURA24; ALDURB24; ALCHRC24
Keywords: functional limitation; digestion
Notes: This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC24_. See the Survey Description Document for more information.

Duration of digestive system problems: Time unit

<table>
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<tr>
<th>Duration</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Day(s)</td>
<td>1</td>
</tr>
<tr>
<td>2 Week(s)</td>
<td>2</td>
</tr>
<tr>
<td>3 Month(s)</td>
<td>3</td>
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<tr>
<td>4 Year(s)</td>
<td>4</td>
</tr>
<tr>
<td>6 Since birth</td>
<td>6</td>
</tr>
<tr>
<td>7 Refused</td>
<td>7</td>
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<tr>
<td>8 Not ascertained</td>
<td>8</td>
</tr>
<tr>
<td>9 Don't know</td>
<td>9</td>
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</tbody>
</table>

Question ID: AHS.323_02.000 R01 RECODE  
Instrument Variable Name:  
Final Documentation Name: ALDURA24  

How long have you had digestive system problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC24_ = '1'

Description: Sample adults aged 18+ years with difficulty due to digestive system problems

Sources: ALTIME24; ALUNIT24
Recodes: ALDURB24; ALCHRC24
Keywords: functional limitation; digestion
Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA24. See the Survey Description Document for more information.

Duration (in years) of digestive system problems, recode 1

<table>
<thead>
<tr>
<th>Duration</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>00 Less than 1 year</td>
<td>00</td>
</tr>
<tr>
<td>01-84 01-84 years</td>
<td>01-84</td>
</tr>
<tr>
<td>85 85+ years</td>
<td>85</td>
</tr>
<tr>
<td>96 Unknown number of years</td>
<td>96</td>
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<tr>
<td>97 Refused</td>
<td>97</td>
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<tr>
<td>98 Not ascertained</td>
<td>98</td>
</tr>
<tr>
<td>99 Don't know</td>
<td>99</td>
</tr>
</tbody>
</table>
How long have you had digestive system problems?

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC24_ = '1'

**Description:**  
Sample adults aged 18+ years with difficulty due to digestive system problems

**Sources:**  
ALTIME24; ALUNIT24

**Recodes:**  
ALCHRC24

**Keywords:**  
functional limitation; digestion

**Notes:**  
See the Survey Description Document for more information.

**Duration of digestive system problems, recode 2**

1  Less than 3 months
2  3-5 months
3  6-12 months
4  More than 1 year
7  Refused
8  Not ascertained
9  Don't know

How long have you had digestive system problems?

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC24_ = '1'

**Description:**  
Sample adults aged 18+ years with difficulty due to digestive system problems

**Sources:**  
AFLHC24_; ALDURB24

**Recodes:**  
ALCNDRT; ALCHRONR

**Keywords:**  
functional limitation; digestion

**Notes:**  
Condition was coded as chronic (ALCHRC24 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

**Digestive system problems condition status recode**

1  Chronic
2  Not chronic
9  Unknown if chronic
How long have you had a genitourinary system problem?

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC25_ = '1'

**Description:**
Sample adults aged 18+ years with difficulty due to a genitourinary system problem

**Sources:**
None

**Recodes:**
ALDURA25; ALDURB25; ALCHRC25

**Keywords:**
functional limitation; genitourinary system

**Notes:**
Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC25_. See the Survey Description Document for more information.

**Duration of genitourinary system problem: Number of units**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
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<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

How long have you had a genitourinary system problem?

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC25_ = '1'

**Description:**
Sample adults aged 18+ years with difficulty due to a genitourinary system problem

**Sources:**
None

**Recodes:**
ALDURA25; ALDURB25; ALCHRC25

**Keywords:**
functional limitation; genitourinary system

**Notes:**
This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC25_. See the Survey Description Document for more information.

**Duration of genitourinary system problem: Time unit**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
</tr>
<tr>
<td>2</td>
<td>Week(s)</td>
</tr>
<tr>
<td>3</td>
<td>Month(s)</td>
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<td>4</td>
<td>Year(s)</td>
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<tr>
<td>6</td>
<td>Since birth</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
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</tbody>
</table>
Question ID: AHS.324_02.000 R01 RECODE  Instrument Variable Name: ALDURA25

How long have you had a genitourinary system problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC25_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a genitourinary system problem

Sources: ALTIME25; ALUNIT25

Recodes: ALDURB25; ALCHRC25

Keywords: functional limitation; genitourinary system

Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA25. See the Survey Description Document for more information.

Duration (in years) of genitourinary system problem, recode 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
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<td>00</td>
<td>Less than 1 year</td>
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<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
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<tr>
<td>99</td>
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</tr>
</tbody>
</table>

Question ID: AHS.324_02.000 R02 RECODE  Instrument Variable Name: ALDURB25

How long have you had a genitourinary system problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC25_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a genitourinary system problem

Sources: ALTIME25; ALUNIT25

Recodes: ALCHRC25

Keywords: functional limitation; genitourinary system

Notes: See the Survey Description Document for more information.

Duration of genitourinary system problem, recode 2

<table>
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<tr>
<th>Code</th>
<th>Duration</th>
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</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: AHS.324_02.000 R03 RECODE

How long have you had a genitourinary system problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHC25_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a genitourinary system problem

Sources: AFLHC25_; ALDURB25

Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; genitourinary system

Notes: Condition was coded as chronic (ALCHRC25 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Genitourinary system problem condition status recode

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
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</table>

Question ID: AHS.325_01.000 RECODE

How long have you had skin/subcutaneous system problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHC26_ = '1'

Description: Sample adults aged 18+ years with difficulty due to skin/subcutaneous system problems

Sources: None

Recodes: ALDURA26; ALDURB26; ALCHRC26

Keywords: functional limitation; skin; subcutaneous system

Notes: Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC26_. See the Survey Description Document for more information.

Duration of skin/subcutaneous system problems: Number of units

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had skin/subcutaneous system problems?

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC26_ = '1'

Description:  
Sample adults aged 18+ years with difficulty due to skin/subcutaneous system problems

Duration of skin/subcutaneous system problems: Time unit

1  Day(s)
2  Week(s)
3  Month(s)
4  Year(s)
6  Since birth
7  Refused
8  Not ascertained
9  Don't know

How long have you had skin/subcutaneous system problems?

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC26_ = '1'

Description:  
Sample adults aged 18+ years with difficulty due to skin/subcutaneous system problems

Duration (in years) of skin/subcutaneous system problems, recode 1

00  Less than 1 year
01-84  01-84 years
85  85+ years
96  Unknown number of years
97  Refused
98  Not ascertained
99  Don't know
2016 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 13-Jun-17

Question ID: AHS.325_02.000 R02 RECODE
Instrument Variable Name: ALDURB26
Final Documentation Name: ALDURB26

How long have you had skin/subcutaneous system problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC26_ = '1'
Description: Sample adults aged 18+ years with difficulty due to skin/subcutaneous system problems

Sources: ALTIME26; ALUNIT26
Recodes: ALCHRC26
Keywords: functional limitation; skin; subcutaneous system
Notes: See the Survey Description Document for more information.

Duration of skin/subcutaneous system problems, recode 2

<table>
<thead>
<tr>
<th></th>
<th>Duration</th>
</tr>
</thead>
<tbody>
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<td>6-12 months</td>
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<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: AHS.325_02.000 R03 RECODE
Instrument Variable Name: ALCHRC26
Final Documentation Name: ALCHRC26

How long have you had skin/subcutaneous system problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC26_ = '1'
Description: Sample adults aged 18+ years with difficulty due to skin/subcutaneous system problems

Sources: AFLHC26_; ALDURB26
Recodes: ALCNDR; ALCHRONR
Keywords: functional limitation; skin; subcutaneous system
Notes: Condition was coded as chronic (ALCHRC26 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Skin/subcutaneous system problems condition status recode

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<tr>
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</thead>
<tbody>
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<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>
Question ID: AHS.326_01.000 RECODE

How long have you had a blood or blood-forming organ problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC27_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a blood or blood-forming organ problem

Sources: None

Recodes: ALDURA27; ALDURB27; ALCHRC27

Keywords: functional limitation; blood; blood-forming organs

Notes: Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC27_. See the Survey Description Document for more information.

Duration of blood or blood-forming organ problem: Number of units

<p>| | |</p>
<table>
<thead>
<tr>
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<th></th>
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</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
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<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: AHS.326_02.000 RECODE

How long have you had a blood or blood-forming organ problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC27_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a blood or blood-forming organ problem

Sources: None

Recodes: ALDURA27; ALDURB27; ALCHRC27

Keywords: functional limitation; blood; blood-forming organs

Notes: This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC27_. See the Survey Description Document for more information.

Duration of blood or blood-forming organ problem: Time unit

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
</tr>
<tr>
<td>2</td>
<td>Week(s)</td>
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<tr>
<td>3</td>
<td>Month(s)</td>
</tr>
<tr>
<td>4</td>
<td>Year(s)</td>
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<tr>
<td>6</td>
<td>Since birth</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**How long have you had a blood or blood-forming organ problem?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHC27_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to a blood or blood-forming organ problem

**Sources:** ALTIME27; ALUNIT27

**Recodes:** ALDURB27; ALCHRC27

**Keywords:** functional limitation; blood; blood-forming organs

**Notes:** Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA27. See the Survey Description Document for more information.

**Duration (in years) of blood or blood-forming organ problem, recode 1**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**How long have you had a blood or blood-forming organ problem?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHC27_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to a blood or blood-forming organ problem

**Sources:** ALTIME27; ALUNIT27

**Recodes:** ALCHRC27

**Keywords:** functional limitation; blood; blood-forming organs

**Notes:** See the Survey Description Document for more information.

**Duration of blood or blood-forming organ problem, recode 2**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had a blood or blood-forming organ problem?

Universe: \( \text{ASTATFLG} = '1' \) and \( \text{(AGE GE '018' and AGE not IN ('997','999')) and AFLHC27 - '1'} \)

Description: Sample adults aged 18+ years with difficulty due to a blood or blood-forming organ problem

Sources: AFLHC27_; ALDURB27

Recodes: ALCNDRRT; ALCHRONR

Keywords: functional limitation; blood; blood-forming organs

Notes: Condition was coded as chronic \((\text{ALCHRC27} = '1')\), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Blood or blood-forming organ problem condition status recode

1  Chronic
2  Not chronic
9  Unknown if chronic

How long have you had a benign tumor/cyst?

Universe: \( \text{ASTATFLG} = '1' \) and \( \text{(AGE GE '018' and AGE not IN ('997','999')) and AFLHC28 - '1'} \)

Description: Sample adults aged 18+ years with difficulty due to a benign tumor/cyst

Sources: None

Recodes: ALDURA28; ALDURB28; ALCHRC28

Keywords: functional limitation; tumor; cyst; benign

Notes: Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC28_. See the Survey Description Document for more information.

Duration of benign tumor/cyst: Number of units

01-94  1-94
95   95+
96  Since birth
97  Refused
98  Not ascertained
99  Don't know
Question ID: AHS.327_02.000 RECODE
Instrument Variable Name: AHCL28T
Final Documentation Name: ALUNIT28

How long have you had a benign tumor/cyst?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC28_ = '1'
Description: Sample adults aged 18+ years with difficulty due to a benign tumor/cyst

Sources: None
Recodes: ALDURA28; ALDURB28; ALCHRC28
Keywords: functional limitation; tumor; cyst; benign
Notes: This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC28_. See the Survey Description Document for more information.

Duration of benign tumor/cyst: Time unit
1 Day(s)
2 Week(s)
3 Month(s)
4 Year(s)
6 Since birth
7 Refused
8 Not ascertained
9 Don't know

Question ID: AHS.327_02.000 R01 RECODE
Instrument Variable Name: ALDURA28
Final Documentation Name: ALDURA28

How long have you had a benign tumor/cyst?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC28_ = '1'
Description: Sample adults aged 18+ years with difficulty due to a benign tumor/cyst

Sources: ALTIME28; ALUNIT28
Recodes: ALDURB28; ALCHRC28
Keywords: functional limitation; tumor; cyst; benign
Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA28. See the Survey Description Document for more information.

Duration (in years) of benign tumor/cyst, recode 1
00 Less than 1 year
01-84 01-84 years
85 85+ years
96 Unknown number of years
97 Refused
98 Not ascertained
99 Don't know
How long have you had a benign tumor/cyst?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC28_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a benign tumor/cyst

Sources: ALTIME28; ALUNIT28

Recodes: ALCHRC28

Keywords: functional limitation; tumor; cyst; benign

Notes: See the Survey Description Document for more information.

Duration of benign tumor/cyst, recode 2

1 Less than 3 months
2 3-5 months
3 6-12 months
4 More than 1 year
7 Refused
8 Not ascertained
9 Don't know

How long have you had a benign tumor/cyst?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC28_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a benign tumor/cyst

Sources: AFLHC28_; ALDURB28

Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; tumor; cyst; benign

Notes: Condition was coded as chronic (ALCHRC28 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Benign tumor/cyst condition status recode

1 Chronic
2 Not chronic
9 Unknown if chronic
How long have you had an alcohol/drug/substance abuse problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC29_ = '1'

Description: Sample adults aged 18+ years with difficulty due to an alcohol/drug/substance abuse problem

Sources: None

Recodes: ALDURA29; ALDURB29; ALCHRC29

Keywords: functional limitation; alcohol; substance abuse; drugs

Notes: Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC29_. See the Survey Description Document for more information.

Duration of alcohol/drug/substance abuse problem: Number of units

<table>
<thead>
<tr>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
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<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

How long have you had an alcohol/drug/substance abuse problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC29_ = '1'

Description: Sample adults aged 18+ years with difficulty due to an alcohol/drug/substance abuse problem

Sources: None

Recodes: ALDURA29; ALDURB29; ALCHRC29

Keywords: functional limitation; alcohol; substance abuse; drugs

Notes: This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC29_. See the Survey Description Document for more information.

Duration of alcohol/drug/substance abuse problem: Time unit

<table>
<thead>
<tr>
<th>Units</th>
<th>Description</th>
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<td>Week(s)</td>
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<td>3</td>
<td>Month(s)</td>
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<tr>
<td>4</td>
<td>Year(s)</td>
</tr>
<tr>
<td>6</td>
<td>Since birth</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had an alcohol/drug/substance abuse problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC29_ = '1'
Description: Sample adults aged 18+ years with difficulty due to an alcohol/drug/substance abuse problem

Sources: ALTIME29; ALUNIT29
Recodes: ALDURB29; ALCHRC29
Keywords: functional limitation; alcohol; substance abuse; drugs
Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA29. See the Survey Description Document for more information.

Duration (in years) of alcohol/drug/substance abuse problem, recode 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
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<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Duration of alcohol/drug/substance abuse problem, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: AHS.328_02.000 R03 RECODE

Instrument Variable Name: ALCHRC29

Final Documentation Name: ALCHRC29

How long have you had an alcohol/drug/substance abuse problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC29_ = '1'

Description: Sample adults aged 18+ years with difficulty due to an alcohol/drug/substance abuse problem

Sources: AFLHC29_; ALDURB29

Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; alcohol; substance abuse; drugs

Notes: Condition was coded as chronic (ALCHRC29 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Alcohol/drug/substance abuse problem condition status recode

1 Chronic
2 Not chronic
9 Unknown if chronic

Question ID: AHS.329_01.000 RECODE

Instrument Variable Name: AHCL30N

Final Documentation Name: ALTIME30

How long have you had an other mental problem/ADD/Bipolar/Schizophrenia?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC30_ = '1'

Description: Sample adults aged 18+ years with difficulty due to other mental problem/ADD/Bipolar/Schizophrenia

Sources: None

Recodes: ALDURA30; ALDURB30; ALCHRC30

Keywords: functional limitation; mental illness; ADD; bipolar; schizophrenia

Notes: Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC30_. See the Survey Description Document for more information.

Duration of other mental problem/ADD/Bipolar/Schizophrenia: Number of units

01-94 1-94
95 95+
96 Since birth
97 Refused
98 Not ascertained
99 Don't know
Question ID: AHS.329_02.000 RECODE
Instrument Variable Name: AHCL30T
Final Documentation Name: ALUNIT30

How long have you had an other mental/ADD/Bipolar/Schizophrenia?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC30_ = '1'

Description: Sample adults aged 18+ years with difficulty due to other mental problem/ADD/Bipolar/Schizophrenia

Sources: None
Recodes: ALDURA30; ALDURB30; ALCHRC30
Keywords: functional limitation; mental illness; ADD; bipolar; schizophrenia
Notes: This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC30_. See the Survey Description Document for more information.

Duration of other mental problem/ADD/Bipolar/Schizophrenia: Time unit

1 Day(s)
2 Week(s)
3 Month(s)
4 Year(s)
6 Since birth
7 Refused
8 Not ascertained
9 Don't know

Question ID: AHS.329_02.000 R01 RECODE
Instrument Variable Name: ALDURA30
Final Documentation Name: ALDURA30

How long have you had an other mental problem/ADD/Bipolar/Schizophrenia?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC30_ = '1'

Description: Sample adults aged 18+ years with difficulty due to other mental problem/ADD/Bipolar/Schizophrenia

Sources: ALTIME30; ALUNIT30
Recodes: ALDURB30; ALCHRC30
Keywords: functional limitation; mental illness; ADD; bipolar; schizophrenia
Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA30. See the Survey Description Document for more information.

Duration (in years) of other mental problem/ADD/Bipolar/Schizophrenia, recode 1

00 Less than 1 year
01-84 01-84 years
85 85+ years
96 Unknown number of years
97 Refused
98 Not ascertained
99 Don't know
How long have you had an other mental problem/ADD/Bipolar/Schizophrenia?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC30_ = '1'
Description: Sample adults aged 18+ years with difficulty due to other mental problem/ADD/Bipolar/Schizophrenia

Duration of other mental problem/ADD/Bipolar/Schizophrenia, recode 2

1 Less than 3 months
2 3-5 months
3 6-12 months
4 More than 1 year
7 Refused
8 Not ascertained
9 Don't know

How long have you had an other mental problem/ADD/Bipolar/Schizophrenia?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC30_ = '1'
Description: Sample adults aged 18+ years with difficulty due to other mental problem/ADD/Bipolar/Schizophrenia

Other mental problem/ADD/Bipolar/Schizophrenia condition status recode

1 Chronic
2 Not chronic
9 Unknown if chronic
How long have you had surgical after-effects/medical treatment problems?

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC31_ = '1'

Description:  
Sample adults aged 18+ years with difficulty due to surgical after-effects/medical treatment problems

Sources:  
None

Recodes:  
ALDURA31; ALDURB31; ALCHRC31

Keywords:  
functional limitation; operation; surgery; other medical treatment

Notes:  
Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC31_. See the Survey Description Document for more information.

Duration of surgical after-effects/medical treatment problems: Number of units

<table>
<thead>
<tr>
<th>Duration</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>Day(s)</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

How long have you had surgical after-effects/medical treatment problems?

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC31_ = '1'

Description:  
Sample adults aged 18+ years with difficulty due to surgical after-effects/medical treatment problems

Sources:  
None

Recodes:  
ALDURA31; ALDURB31; ALCHRC31

Keywords:  
functional limitation; operation; surgery; other medical treatment

Notes:  
This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC31_. See the Survey Description Document for more information.

Duration of surgical after-effects/medical treatment problems: Time unit

<table>
<thead>
<tr>
<th>Duration</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
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<tr>
<td>2</td>
<td>Week(s)</td>
</tr>
<tr>
<td>3</td>
<td>Month(s)</td>
</tr>
<tr>
<td>4</td>
<td>Year(s)</td>
</tr>
<tr>
<td>6</td>
<td>Since birth</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had surgical after-effects/medical treatment problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC31_ = '1'

Description: Sample adults aged 18+ years with difficulty due to surgical after-effects/medical treatment problems

Sources: ALTIME31; ALUNIT31

Recodes: ALDURB31; ALCHRC31

Keywords: functional limitation; operation; surgery; other medical treatment

Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA31. See the Survey Description Document for more information.

Duration (in years) of surgical after-effects/medical treatment prob, recode 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
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<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

How long have you had surgical after-effects/medical treatment problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC31_ = '1'

Description: Sample adults aged 18+ years with difficulty due to surgical after-effects/medical treatment problems

Sources: ALTIME31; ALUNIT31

Recodes: ALDURB31; ALCHRC31

Keywords: functional limitation; operation; surgery; other medical treatment

Notes: See the Survey Description Document for more information.

Duration of surgical after-effects/medical treatment problems, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
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<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
### How long have you had surgical after-effects/medical treatment problems?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC31_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to surgical after-effects/medical treatment problems

**Sources:** AFLHC31_; ALDURB31

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; operation; surgery; other medical treatment

**Notes:** Condition was coded as chronic (ALCHRC31 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

#### Surgical after-effects/medical treatment problems condition status recode

<table>
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<th>Description</th>
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</thead>
<tbody>
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<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>

### How long have you had "old age"/elderly/aging-related problems?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC32_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to "old age"/elderly/aging-related problems

**Sources:** None

**Recodes:** ALDURA32; ALDURB32; ALCHRC32

**Keywords:** functional limitation; elderly; old age; aging

**Notes:** Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC32_.  See the Survey Description Document for more information.

#### Duration of "old age"/elderly/aging-related problems: Number of units

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had "old age"/elderly/aging-related problems?

Universe: \( \text{ASTATFLG} = '1' \) and \( \text{AGE GE '018'} \) and \( \text{AGE not IN ('997','999')} \) and \( \text{AFLHC32}_- = '1' \)

Description: Sample adults aged 18+ years with difficulty due to "old age"/elderly/aging-related problems

Sources: None

Recodes: ALDURA32; ALDURB32; ALCHRC32

Keywords: functional limitation; elderly; old age; aging

Notes: This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC32_. See the Survey Description Document for more information.

Duration of "old age"/elderly/aging-related problems: Time unit

<table>
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<th>Description</th>
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<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
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<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Duration (in years) of "old age"/elderly/aging-related problems, recode 1

<table>
<thead>
<tr>
<th>Duration</th>
<th>Description</th>
</tr>
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<tbody>
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<td>01-84</td>
<td>01-84 years</td>
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<td>96</td>
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<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had "old age"/elderly/aging-related problems?

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC32_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to "old age"/elderly/aging-related problems

<table>
<thead>
<tr>
<th>Duration</th>
<th>Recode</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 3 months</td>
<td>1</td>
</tr>
<tr>
<td>3-5 months</td>
<td>2</td>
</tr>
<tr>
<td>6-12 months</td>
<td>3</td>
</tr>
<tr>
<td>More than 1 year</td>
<td>4</td>
</tr>
<tr>
<td>Refused</td>
<td>7</td>
</tr>
<tr>
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<td>8</td>
</tr>
<tr>
<td>Don't know</td>
<td>9</td>
</tr>
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</table>

**Notes:** See the Survey Description Document for more information.

"Old age"/elderly/aging-related problems condition status recode

<table>
<thead>
<tr>
<th>Condition</th>
<th>Recode</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chronic</td>
<td>1</td>
</tr>
<tr>
<td>Not chronic</td>
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</tr>
<tr>
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<td>9</td>
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</table>
Question ID: AHS.332_01.000 RECODE
Instrument Variable Name: AHCL33N
Final Documentation Name: ALTIME33

How long have you had a fatigue/tiredness/weakness problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC33_ = '1'
Description: Sample adults aged 18+ years with difficulty due to a fatigue/tiredness/weakness problem

Sources: None
Recodes: ALDURA33; ALDURB33; ALCHRC33
Keywords: functional limitation; fatigue; tiredness; weakness
Notes: Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC33_. See the Survey Description Document for more information.

Duration of fatigue/tiredness/weakness problem: Number of units

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
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<tr>
<td>97</td>
<td>Refused</td>
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<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: AHS.332_02.000 RECODE
Instrument Variable Name: AHCL33T
Final Documentation Name: ALUNIT33

How long have you had a fatigue/tiredness/weakness problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC33_ = '1'
Description: Sample adults aged 18+ years with difficulty due to a fatigue/tiredness/weakness problem

Sources: None
Recodes: ALDURA33; ALDURB33; ALCHRC33
Keywords: functional limitation; fatigue; tiredness; weakness
Notes: This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC33_. See the Survey Description Document for more information.

Duration of fatigue/tiredness/weakness problem: Time unit

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
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<td>Day(s)</td>
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<tr>
<td>2</td>
<td>Week(s)</td>
</tr>
<tr>
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<td>Month(s)</td>
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<td>4</td>
<td>Year(s)</td>
</tr>
<tr>
<td>6</td>
<td>Since birth</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
2016 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 13-Jun-17

Question ID: AHS.332_02.000 R01 RECODE
Instrument Variable Name:
Final Documentation Name: ALDURA33

How long have you had a fatigue/tiredness/weakness problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC33_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a fatigue/tiredness/weakness problem

Sources: ALTIME33; ALUNIT33
Recodes: ALDURB33; ALCHRC33
Keywords: functional limitation; fatigue; tiredness; weakness
Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA33. See the Survey Description Document for more information.

Duration (in years) of fatigue/tiredness/weakness problem, recode 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>1-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: AHS.332_02.000 R02 RECODE
Instrument Variable Name:
Final Documentation Name: ALDURB33

How long have you had a fatigue/tiredness/weakness problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC33_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a fatigue/tiredness/weakness problem

Sources: ALTIME33; ALUNIT33
Recodes: ALCHRC33
Keywords: functional limitation; fatigue; tiredness; weakness
Notes: See the Survey Description Document for more information.

Duration of fatigue/tiredness/weakness problem, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
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<tr>
<td>2</td>
<td>3-5 months</td>
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<tr>
<td>3</td>
<td>6-12 months</td>
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<tr>
<td>4</td>
<td>More than 1 year</td>
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<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**How long have you had a fatigue/tiredness/weakness problem?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC33_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to a fatigue/tiredness/weakness problem

**Sources:** AFLHC33_; ALDURB33

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; fatigue; tiredness; weakness

**Notes:** Condition was coded as chronic (ALCHRC33 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

**Fatigue/tiredness/weakness problem condition status recode**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
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</tbody>
</table>

**How long have you had a pregnancy-related problem?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC34_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to a pregnancy-related problem

**Sources:** None

**Recodes:** ALDURA34; ALDURB34; ALCHRC34

**Keywords:** functional limitation; pregnancy

**Notes:** Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC34_. See the Survey Description Document for more information.

**Duration of pregnancy-related problem: Number of units**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
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<td>95+</td>
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<tr>
<td>96</td>
<td>Since birth</td>
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<tr>
<td>97</td>
<td>Refused</td>
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<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had a pregnancy-related problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC34_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a pregnancy-related problem

Sources: None

Recodes: ALDURA34; ALDURB34; ALCHRC34

Keywords: functional limitation; pregnancy

Notes: This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC34_. See the Survey Description Document for more information.

Duration of pregnancy-related problem: Time unit

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
</tr>
<tr>
<td>2</td>
<td>Week(s)</td>
</tr>
<tr>
<td>3</td>
<td>Month(s)</td>
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<tr>
<td>4</td>
<td>Year(s)</td>
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<tr>
<td>6</td>
<td>Since birth</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

How long have you had a pregnancy-related problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC34_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a pregnancy-related problem

Sources: ALTIME34; ALUNIT34

Recodes: ALDURB34; ALCHRC34

Keywords: functional limitation; pregnancy

Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA34. See the Survey Description Document for more information.

Duration (in years) of pregnancy-related problem, recode 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
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<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**How long have you had a pregnancy-related problem?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC34_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to a pregnancy-related problem

**Sources:** ALTIME34; ALUNIT34

**Recodes:** ALCHRC34; ALCHRONR

**Keywords:** functional limitation; pregnancy

**Notes:** Condition was coded as chronic (ALCHRC34 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

### Duration of pregnancy-related problem, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
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<td>3-5 months</td>
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<td>3</td>
<td>6-12 months</td>
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<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
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</table>

**Question ID:** AHS.333_02.000 R03 RECODE  
**Instrument Variable Name:**  
**Final Documentation Name:** ALCHRC34
2016 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 13-Jun-17

Question ID: AHS.335_01.000
Instrument Variable Name: AHCL90N
Final Documentation Name: ALTIME90

How long have you had {problem in AFLHCA90}?  

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA90 = '1'
Description: Sample adults aged 18+ years with difficulty due to other impairment/problem (1)
Sources: AHCL90N
Recodes: ALDURA90; ALDURB90; ALCHRC90
Keywords: functional limitation; not elsewhere classified
Notes: Years are topcoded at 85. N.E.C. is “not elsewhere classified.” See the Survey Description Document for more information.

Duration of other impairment/problem N.E.C. (1): Number of units

<table>
<thead>
<tr>
<th>Duration</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
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<tr>
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</tbody>
</table>

Question ID: AHS.335_02.000
Instrument Variable Name: AHCL90T
Final Documentation Name: ALUNIT90

How long have you had {problem in AFLHCA90}?  

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA90 = '1'
Description: Sample adults aged 18+ years with difficulty due to other impairment/problem (1)
Sources: AHCL90T
Recodes: ALDURA90; ALDURB90; ALCHRC90
Keywords: functional limitation; not elsewhere classified
Notes: N.E.C. is “not elsewhere classified.” See the Survey Description Document for more information.

Duration of other impairment/problem N.E.C. (1): Time unit

<table>
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<tr>
<th>Duration</th>
<th>Code</th>
</tr>
</thead>
<tbody>
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<td>Week(s)</td>
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<tr>
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<td>Month(s)</td>
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<td>Year(s)</td>
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<td>6</td>
<td>Since birth</td>
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<td>Refused</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
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</table>
2016 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 13-Jun-17

Question ID: AHS.335_02.000 R01 RECODE
Instrument Variable Name:
Final Documentation Name: ALDURA90

How long have you had {problem in AFLHCA90}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHCA90 = '1'
Description: Sample adults aged 18+ years with difficulty due to other impairment/problem (1)
Sources: ALTIME90; ALUNIT90
Recodes: ALDURB90; ALCHRC90
Keywords: functional limitation; not elsewhere classified
Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA90. N.E.C. is "not elsewhere classified." See the Survey Description Document for more information.

Duration (in years) of other impairment/problem N.E.C. (1), recode 1

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<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
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<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
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<td>85</td>
<td>85+ years</td>
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<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: AHS.335_02.000 R02 RECODE
Instrument Variable Name:
Final Documentation Name: ALDURB90

How long have you had {problem in AFLHCA90}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHCA90 = '1'
Description: Sample adults aged 18+ years with difficulty due to other impairment/problem (1)
Sources: ALTIME90; ALUNIT90
Recodes: ALCHRC90
Keywords: functional limitation; not elsewhere classified
Notes: N.E.C. is “not elsewhere classified.” See the Survey Description Document for more information.

Duration of other impairment/problem N.E.C. (1), recode 2

<table>
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<th>Code</th>
<th>Description</th>
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<tbody>
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<td>Less than 3 months</td>
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<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
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<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don’t know</td>
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</tbody>
</table>
2016 NATIONAL HEALTH INTERVIEW SURVEY  
Sample Adult  
samadult : Adult Health Status & Limitations  
PUBLIC USE  
Document Version Date: 13-Jun-17

Question ID: AHS.335_02.000  
R03 RECODE  
Instrument Variable Name:  
Final Documentation Name: ALCHRC90

**How long have you had {problem in AFLHCA90}?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA90 = '1'

**Description:**  
Sample adults aged 18+ years with difficulty due to other impairment/problem (1)

**Sources:**  
AFLHCA90; ALDURB90

**Recodes:**  
ALCNDRD; ALCHRONR

**Keywords:**  
functional limitation; not elsewhere classified

**Notes:**  
N.E.C. is “not elsewhere classified.” Condition was coded as chronic (ALCHRC90 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Other impairment/problem N.E.C. (1) condition status recode

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>

Question ID: AHS.336_01.000  
Instrument Variable Name: AHCL91N  
Final Documentation Name: ALTIME91

**How long have you had {problem in AFLHCA91}?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA91 = '1'

**Description:**  
Sample adults aged 18+ years with difficulty due to other impairment/problem (2)

**Sources:**  
AHCL91N

**Recodes:**  
ALDURA91; ALDURB91; ALCHRC91

**Keywords:**  
functional limitation; not elsewhere classified

**Notes:**  
Years are topcoded at 85. N.E.C. is “not elsewhere classified.” See the Survey Description Document for more information.

Duration of other impairment/problem N.E.C. (2): Number of units

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: AHS.336_02.000  Instrument Variable Name: AHCL91T  
Final Documentation Name: ALUNIT91

How long have you had {problem in AFLHCA91}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHCA91 = '1'

Description: Sample adults aged 18+ years with difficulty due to other impairment/problem (2)

Sources: AHCL91T
Recodes: ALDURA91; ALDURB91; ALCHRC91
Keywords: functional limitation; not elsewhere classified
Notes: N.E.C. is “not elsewhere classified.” See the Survey Description Document for more information.

Duration of other impairment/problem N.E.C. (2): Time unit

1     Day(s)
2     Week(s)
3     Month(s)
4     Year(s)
6     Since birth
7     Refused
8     Not ascertained
9     Don't know

Question ID: AHS.336_02.000 R01 RECODE  Instrument Variable Name: ALDURA91  
Final Documentation Name: ALDURA91

How long have you had {problem in AFLHCA91}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHCA91 = '1'

Description: Sample adults aged 18+ years with difficulty due to other impairment/problem (2)

Sources: ALTIME91; ALUNIT91
Recodes: ALDURB91; ALCHRC91
Keywords: functional limitation; not elsewhere classified
Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA91. N.E.C. is “not elsewhere classified.” See the Survey Description Document for more information.

Duration (in years) of other impairment/problem N.E.C. (2), recode 1

00     Less than 1 year
01-84  01-84 years
85     85+ years
96     Unknown number of years
97     Refused
98     Not ascertained
99     Don't know
**Question ID:** AHS.336_02.000  
**R02 RECODE**  
**Instrument Variable Name:**  
**Final Documentation Name:** ALDURB91

**How long have you had {problem in AFLHCA91}?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA91 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to other impairment/problem (2)

**Sources:** ALTIME91; ALUNIT91

**Recodes:** ALCHRC91

**Keywords:** functional limitation; not elsewhere classified

**Notes:** N.E.C. is “not elsewhere classified.” See the Survey Description Document for more information.

Duration of other impairment/problem N.E.C. (2), recode 2

1. Less than 3 months
2. 3-5 months
3. 6-12 months
4. More than 1 year
7. Refused
8. Not ascertained
9. Don't know

---

**Question ID:** AHS.336_02.000  
**R03 RECODE**  
**Instrument Variable Name:**  
**Final Documentation Name:** ALCHRC91

**How long have you had {problem in AFLHCA91}?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA91 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to other impairment/problem (2)

**Sources:** AFLHCA91; ALDURB91

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; not elsewhere classified

**Notes:** N.E.C. is “not elsewhere classified.” Condition was coded as chronic (ALCHRC91 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Other impairment/problem N.E.C. (2) condition status recode

1. Chronic
2. Not chronic
9. Unknown if chronic
Recode

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and FLA1AR = '1'

**Description:** All sample adults aged 18+ years reporting some limitation of activity

**Sources:** ALCHRC1-34, ALCHRC90, ALCHRC91

**Recodes:** ALCHRONR

**Keywords:** functional limitation; chronic condition

**Notes:** None

---

Chronic condition recode for individual with functional limitation

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>At least one condition causing functional limitation is chronic</td>
</tr>
<tr>
<td>2</td>
<td>No condition causing functional limitation</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if any condition causing functional limitation is chronic</td>
</tr>
</tbody>
</table>

---

Recode

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** ALCNDRT; FLA1AR

**Recodes:** None

**Keywords:** functional limitation; chronic condition

**Notes:** None

---

Overall functional limitation recode by condition status

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Not limited in any way (including unknown if limited)</td>
</tr>
<tr>
<td>1</td>
<td>Limited; caused by at least one chronic condition</td>
</tr>
<tr>
<td>2</td>
<td>Limited; not caused by chronic condition</td>
</tr>
<tr>
<td>3</td>
<td>Limited; unknown if condition is chronic</td>
</tr>
</tbody>
</table>
Have you smoked at least 100 cigarettes in your ENTIRE LIFE?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: SMKSTAT2

Keywords: smoke; smoking; cigarettes; tobacco

Notes: None

Ever smoked 100 cigarettes

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

How old were you when you FIRST started to smoke fairly regularly?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and SMKEV = '1'

Description: Sample adults aged 18+ years who ever smoked 100 cigarettes

Sources: None

Recodes: None

Keywords: smoke; smoking; cigarettes; tobacco

Notes: None


Age first smoked fairly regularly

06-84 6 - 84 years
85 85 years or older
96 Never smoked regularly
97 Refused
98 Not ascertained
99 Don't know
**Question ID:** AHB.030_00.000  
**Instrument Variable Name:** SMKNOW  
**Final Documentation Name:** SMKNOW

**Do you NOW smoke cigarettes every day, some days or not at all?**

**Universe:** `ASTATFLG='1' and (AGE GE '018' and AGE not IN('997','999')) and SMKEV = '1'`

**Description:** Sample adults aged 18+ years who ever smoked 100 cigarettes

**Sources:** None

**Recodes:** SMKSTAT2

**Keywords:** smoke; smoking; cigarettes; tobacco

**Notes:** None

Smoke freq: every day/some days/not at all

1. Every day
2. Some days
3. Not at all
4. Refused
5. Not ascertained
6. Don’t know

**Question ID:** AHB.030_00.000  
**R01 RECODE**

**Instrument Variable Name:**

**Final Documentation Name:** SMKSTAT2

**Universe:** `ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999'))`

**Description:** Sample adults aged 18+ years

**Sources:** SMKEV; SMKNOW

**Recodes:** None

**Keywords:** smoke; smoking status; cigarettes; tobacco

**Notes:** Some day smokers are persons who said they smoked some days, including those who reported smoking zero days in the past 30 days.

Smoking Status: Recode

1. Current every day smoker
2. Current some day smoker
3. Former smoker
4. Never smoker
5. Smoker, current status unknown
6. Unknown if ever smoked
How long has it been since you quit smoking cigarettes?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and SMKNOW = '3'
Description: Sample adults aged 18+ years who quit smoking

Sources: None
Recodes: SMKQTY
Keywords: smoke; quit smoking; cigarettes; tobacco; smoking cessation
Notes: (1) CAPI instrument did not allow respondent to report having quit smoking younger than 15 years of age. (2) Years are topcoded at 70 and truncated at AGE_P minus SMKREG.

Time since quit: # of units
01-94 1 - 94
95 95+
97 Refused
98 Not ascertained
99 Don't know

How long has it been since you quit smoking cigarettes?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and SMKNOW = '3'
Description: Sample adults aged 18+ years who quit smoking

Sources: None
Recodes: SMKQTY
Keywords: smoke; quit smoking; cigarettes; tobacco; smoking cessation
Notes: CAPI instrument did not allow respondent to report having quit smoking younger than 15 years of age.

Time since quit: time period
1 Day(s)
2 Week(s)
3 Month(s)
4 Year(s)
7 Refused
8 Not ascertained
9 Don't know
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**Sample Adult**
samadult : Adult Health Behaviors
PUBLIC USE
Document Version Date: 13-Jun-17

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**Question ID:** AHB.040_02.000  
**Instrument Variable Name:** SMKQTY  
**Final Documentation Name:** SMKQTY

**Universe:** ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999')) and SMKNOW = '3'

**Description:** Sample adults aged 18+ years who ever smoked 100 cigarettes but don't smoke now

**Sources:** SMKQTNO; SMKQTTP; AGE; SMKREG

**Recodes:** None

**Keywords:** smoke; quit smoking; cigarettes; tobacco; smoking cessation

**Notes:**  
1) CAPI instrument did not allow respondent to report having quit smoking younger than 15 years of age.  
2) Truncated at AGE_P minus SMKREG.

<table>
<thead>
<tr>
<th>Time since quit smoking (in years)</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
</tr>
<tr>
<td>01-69</td>
</tr>
<tr>
<td>70</td>
</tr>
<tr>
<td>97</td>
</tr>
<tr>
<td>98</td>
</tr>
<tr>
<td>99</td>
</tr>
</tbody>
</table>

---

**Question ID:** AHB.050_00.000  
**Instrument Variable Name:** CIGSDA1  
**Final Documentation Name:** CIGSDA1

**On the average, how many cigarettes do you now smoke a day?**

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and SMKNOW = '1'

**Description:** Sample adults aged 18+ years who are current every day smokers

**Sources:** None

**Recodes:** CIGSDAY

**Keywords:** smoke; smoking; cigarettes; tobacco

**Notes:** None

**Test:** Find testing evaluation report at https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx

<table>
<thead>
<tr>
<th>Number cigs per day (daily smokers)</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
</tr>
<tr>
<td>95</td>
</tr>
<tr>
<td>97</td>
</tr>
<tr>
<td>98</td>
</tr>
<tr>
<td>99</td>
</tr>
</tbody>
</table>
### Question ID: AHB.060_00.000
**Instrument Variable Name:** CIGDAMO  
**Final Documentation Name:** CIGDAMO

**On how many of the PAST 30 DAYS did you smoke a cigarette?**

**Universe:**  
ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and SMKNOW = 2

**Description:** Sample adults aged 18+ years who are current some day smokers

**Sources:** None  
**Recodes:** None  
**Keywords:** smoke; smoking; cigarettes; tobacco  
**Notes:** None  
**Test:** Find testing evaluation report at https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx

<table>
<thead>
<tr>
<th>Number days smoked in past 30 days</th>
</tr>
</thead>
</table>
| 00 | None  
| 01-30 | 1-30 days  
| 97 | Refused  
| 98 | Not ascertained  
| 99 | Don't know  

### Question ID: AHB.070_00.000
**Instrument Variable Name:** CIGSDA2  
**Final Documentation Name:** CIGSDA2

**On the average, when you smoked during the PAST 30 DAYS, about how many cigarettes did you smoke a day?**

**Universe:**  
ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and SMKNOW = '2' and (( '01' <=CIGDAMO<='30') or CIGDAMO = 97-99)

**Description:** Sample adults aged 18+ years who are current some day smokers and smoked 1-30 days in past month or number of days was refused, not ascertained, or not known

**Sources:** None  
**Recodes:** CIGSDAY  
**Keywords:** smoke; smoking; cigarettes; tobacco  
**Notes:** None  
**Test:** Find testing evaluation report at https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx

<table>
<thead>
<tr>
<th>Number cigs per day (some day smokers)</th>
</tr>
</thead>
</table>
| 01-94 | 1-94 cigarettes  
| 95 | 95+ cigarettes  
| 97 | Refused  
| 98 | Not ascertained  
| 99 | Don't know  

---
### Question ID: AHB.070_00.000

**Instrument Variable Name:** CIGSDAY  
**Final Documentation Name:** CIGSDAY

**Universe:**  
ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999')) and SMKNOW =1 or [SMKNOW = 2 and CIGDAMO = 01-30, 97-99]

**Description:** Sample adults aged 18+ years who smoked everyday or smoked some days, and smoked 1-30 days or {Ref/NA/DK number of days} in the past 30 days

**Sources:** CIGSDA1; CIGSDA2  
**Recodes:** None  
**Keywords:** smoke; smoking; cigarettes; tobacco  
**Notes:** Denominator EXCLUDES persons who said they smoked some days in Q.# AHB.030, but said they smoked zero days in the past 30 days in Q.# AHB.060.

#### Number of cigarettes a day (all current smokers)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94 cigarettes</td>
</tr>
<tr>
<td>95</td>
<td>95+ cigarettes</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

### Question ID: AHB.080_00.000

**Instrument Variable Name:** CIGQTYR  
**Final Documentation Name:** CIGQTYR

**During the PAST 12 MONTHS, have you stopped smoking for more than one day BECAUSE YOU WERE TRYING TO QUIT SMOKING?**

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and SMKNOW = 1, 2

**Description:** Sample adults aged 18+ years who are every day or someday smokers

**Sources:** None  
**Recodes:** None  
**Keywords:** smoke; quit smoking; cigarettes; tobacco; smoking cessation  
**Notes:** None  
**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

#### Tried quit smoking 1+ days, past 12 m

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
The next question is about electronic cigarettes or e-cigarettes. You may also know them as vape-pens, hookah-pens, e-hookahs, or e-vaporizers. Some look like cigarettes, and others look like pens or small pipes. These are battery-powered, usually contain liquid nicotine, and produce vapor instead of smoke.

**Have you EVER used an e-cigarette EVEN ONE TIME?**

*Read if necessary: E-cigarettes and similar products can be bought as one-time, disposable products, as re-usable kits with a cartridge, or with refillable chambers. These usually contain a liquid, often called an “e-liquid” or “e-juice.” Popular brands include NJOY, BLU, LOGIC, and VUSE.*

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not in ('997','999'))

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: smoking; electronic cigarettes; e-cigarette; e-cig; e-smoking; vaping; once

Notes: Question reprised from 2014 AHB and 2015 Cancer NAE Supplement and added to the 2016 AHB questionnaire.


Ever used electronic cigarettes (e-cig), even once

<p>| | |</p>
<table>
<thead>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
2016 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Behaviors
PUBLIC USE
Document Version Date: 13-Jun-17

**Question ID:** AHB.085_00.020

**Instrument Variable Name:** ECIGCUR2

**Final Documentation Name:** ECIGCUR2

**Do you now use e-cigarettes every day, some days, or not at all?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ECIGEV2='1'

**Description:** Sample adults 18+ who have ever used e-cigarettes

**Sources:** None

**Recodes:** None

**Keywords:** e-cigarettes; electronic cigarettes; e-cigs; smoking; vaping

**Notes:** Question reprised from 2014 AHB and 2015 Cancer NAE Supplement and added to the 2016 AHB questionnaire.

**Test:** Find testing evaluation report at https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx

<table>
<thead>
<tr>
<th>E-cig freq: every day/some days/not at all</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>

**Question ID:** AHB.085_00.030

**Instrument Variable Name:** ECIG30D2

**Final Documentation Name:** ECIG30D2

**On how many of the PAST 30 DAYS have you used e-cigarettes?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ECIGCUR2 IN ('2','3')

**Description:** Sample adults 18+ who now use e-cigarettes some days or not at all

**Sources:** None

**Recodes:** None

**Keywords:** smoking; e-cigarette; e-cig; e-smoking; vaping

**Notes:** New question to AHB. Question reprised from 2015 Cancer NAE Supplement for electronic cigarette M questions added into the 2016 AHB questionnaire.

<table>
<thead>
<tr>
<th>Number of days used e-cigarettes, past 30 days</th>
</tr>
</thead>
<tbody>
<tr>
<td>00-30</td>
</tr>
<tr>
<td>97</td>
</tr>
<tr>
<td>98</td>
</tr>
<tr>
<td>99</td>
</tr>
</tbody>
</table>
Have you ever smoked a regular cigar, cigarillo, or a little filtered cigar EVEN ONE TIME?

*Read if necessary: “Cigarillos” are medium cigars that sometimes are sold with plastic or wooden tips. Some common brands are Black and Mild, Swisher Sweets, Dutch Masters and Phillies Blunts. Cigarillos are usually sold individually or in packs of 5 or fewer. Little filtered cigars look like cigarettes and are usually brown in color. Like cigarettes, little filtered cigars have a spongy filter and are sold in packs of 20. Some common brands are Prime Time and Winchester.

*Read if necessary: Do not include electronic cigars or e-cigars.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: smoked; regular cigar; cigarillo; little filtered cigar; tobacco; once

Notes: New question to AHB. Question reprised from 2015 Cancer NAE Supplement for cigar questions added into the 2016 AHB questionnaire.

Ever smoked a regular cigar, cigarillo, or little filtered cigar, even once

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Question ID: AHB.085_00.050  
Instrument Variable Name: CIGCUR2  
Final Documentation Name: CIGCUR2  

**Do you now smoke regular cigars, cigarillos, or little filtered cigars every day, some days, or not at all?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CIGAREV2='1'

**Description:** Sample adults 18+ who have ever smoked a regular cigar, cigarillo, or filtered cigar

**Sources:** None
**Recodes:** None
**Keywords:** smoke; cigar; cigarillo; little filtered cigar; smoking; tobacco
**Notes:** New question to AHB. Question reprised from 2015 Cancer NAE Supplement for cigar & related product's M questions added into the 2016 AHB questionnaire.

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

Smoke freq: every day/some days/not at all - cigars, cigarillos, or lil' filtered cig

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<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Every day</td>
</tr>
<tr>
<td>2</td>
<td>Some days</td>
</tr>
<tr>
<td>3</td>
<td>Not at all</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

---

Question ID: AHB.085_00.060  
Instrument Variable Name: CIG30D2  
Final Documentation Name: CIG30D2  

**On how many of the PAST 30 DAYS have you smoked a regular cigar, cigarillo, or little filtered cigar?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CIGCUR2 IN ('2','3')

**Description:** Sample adults 18+ who now smoke a regular cigar, cigarillo, or little filtered cigar some days or not at all

**Sources:** None
**Recodes:** None
**Keywords:** smoked; cigar; cigarillo; little filtered cigar; smoking; tobacco
**Notes:** New question to AHB. Question reprised from 2015 Cancer NAE Supplement for cigar & related product's M questions added into the 2016 AHB questionnaire.

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

Number of days smoked cigar, cigarillo, or little filtered cigar, past 30 days

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<thead>
<tr>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>00-30</td>
<td>0-30</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Have you EVER smoked a pipe filled with tobacco-either a regular pipe, water pipe, or hookah EVEN ONE TIME?

*Read if necessary: A hookah is a type of water pipe. It is sometimes called a “narghile” (NAR-ge-lee) pipe. Do not include electronic hookah or e-hookahs.

*Read if necessary: Do not include electronic pipes or e-pipes.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: smoke; smoking; pipe; water pipe; hookah; tobacco; once

Notes: New question to AHB. Question reprised from 2015 Cancer NAE Supplement for tobacco filled pipes & related product's questions added into the 2016 AHB questionnaire.

Ever smoked pipe filled w/tobacco - either pipe,water pipe,or hookah,even once

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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Do you now smoke pipes filled with tobacco – either regular pipes, water pipes, or hookahs, every day, some days, or not at all?

*Read if necessary: Do not include pipes filled with substances other than tobacco.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and PIPEV2='1'

Description: Sample adults 18+ who have ever smoked a regular pipe, water pipe or hookah filled with tobacco

Sources: None

Recodes: None

Keywords: smoke; smoking; pipe; water pipe; hookah; tobacco

Notes: New question to AHB. Question reprised from 2015 Cancer NAE Supplement for tobacco filled pipes & related product's questions added into the 2016 AHB questionnaire.

Smoke freq: every day/some days/not at all - either pipes, water pipes, or hookahs

1 Every day
2 Some days
3 Not at all
7 Refused
8 Not ascertained
9 Don't know
Smokeless tobacco products are placed in the mouth or nose and can include chewing tobacco, snuff, dip, snus (SNOOSE), or dissolvable tobacco.

Have you ever used smokeless tobacco products EVEN ONE TIME?

*Read if necessary: Do not include nicotine replacement therapy products (such as patch, gum, lozenge, or spray, which are considered smoking cessation treatments.)

University: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults 18+

Ever used smokeless tobacco products, even once

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
2016 NATIONAL HEALTH INTERVIEW SURVEY  
Sample Adult  
samadult : Adult Health Behaviors  
PUBLIC USE  
Document Version Date: 13-Jun-17

Question ID: AHB.085_00.100  
Instrument Variable Name: SMKLSCR2  
Final Documentation Name: SMKLSCR2

**Do you NOW use smokeless tobacco products every day, some days, or not at all?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and SMKLSTB1='1'

**Description:** Sample adults 18+ who have ever used smokeless tobacco products

**Sources:** None

**Recodes:** None

**Keywords:** smokeless tobacco; chewing tobacco; snuff; dip; snus; dissolvable tobacco

**Notes:** New question to AHB. Question reprised from 2015 Cancer NAE Supplement for smokeless tobacco (excl. e-cigs) & related product's questions added into the 2016 AHB questionnaire.

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

<table>
<thead>
<tr>
<th>Smokeless tobacco freq: every day/some days/not at all</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>

---

Question ID: AHB.090_01.000  
Instrument Variable Name: VIGNO  
Final Documentation Name: VIGNO

**How often do you do VIGOROUS leisure-time physical activities for AT LEAST 10 MINUTES that cause HEAVY sweating or LARGE increases in breathing or heart rate?**

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** VIGFREQW

**Keywords:** physical activity; exercise; vigorous activity

**Notes:** None

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

<table>
<thead>
<tr>
<th>Freq vigorous activity: # of units</th>
</tr>
</thead>
<tbody>
<tr>
<td>000</td>
</tr>
<tr>
<td>001-995</td>
</tr>
<tr>
<td>996</td>
</tr>
<tr>
<td>997</td>
</tr>
<tr>
<td>998</td>
</tr>
<tr>
<td>999</td>
</tr>
</tbody>
</table>
How often do you do VIGOROUS leisure-time physical activities for AT LEAST 10 MINUTES that cause HEAVY sweating or LARGE increases in breathing or heart rate?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: VIGFREQW

Keywords: physical activity; exercise; vigorous activity

Notes: None


Freq vigorous activity: Time units

<table>
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<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Never</td>
</tr>
<tr>
<td>1</td>
<td>Per day</td>
</tr>
<tr>
<td>2</td>
<td>Per week</td>
</tr>
<tr>
<td>3</td>
<td>Per month</td>
</tr>
<tr>
<td>4</td>
<td>Per year</td>
</tr>
<tr>
<td>6</td>
<td>Unable to do this activity</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Freq vigorous activity (times per wk)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than once per week</td>
</tr>
<tr>
<td>01-28</td>
<td>1-28 times per week</td>
</tr>
<tr>
<td>95</td>
<td>Never</td>
</tr>
<tr>
<td>96</td>
<td>Unable to do vigorous activity</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
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### Question ID: AHB.100_01.000  
Instrument Variable Name: VIGLNGNO  
Final Documentation Name: VIGLNGNO

**About how long do you do these vigorous leisure-time physical activities each time?**

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VIGTP = 1, 2, 3, 4  
**Description:** Sample adults aged 18+ years who do vigorous activities  
**Sources:** None  
**Recodes:** VIGMIN  
**Keywords:** physical activity; vigorous activity; exercise  
**Notes:** None  
**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

<table>
<thead>
<tr>
<th>Duration vigorous activity: # units</th>
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</tr>
</thead>
<tbody>
<tr>
<td>001-995</td>
<td>1-995</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
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<tr>
<td>999</td>
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</table>

### Question ID: AHB.100_02.000  
Instrument Variable Name: VIGLNGTP  
Final Documentation Name: VIGLNGTP

**About how long do you do these vigorous leisure-time physical activities each time?**

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VIGTP = 1, 2, 3, 4  
**Description:** Sample adults aged 18+ years who do vigorous activities  
**Sources:** None  
**Recodes:** VIGMIN  
**Keywords:** physical activity; vigorous activity; exercise  
**Notes:** None  
**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

<table>
<thead>
<tr>
<th>Duration vigorous activity: Time unit</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Minutes</td>
</tr>
<tr>
<td>2</td>
<td>Hours</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
### Question ID: AHB.100_02.000  
#### Instrument Variable Name: R01 RECODE  
Final Documentation Name: VIGMIN  

**Universe:**  
ASTATFLG=1, (AGE GE '018' and AGE not IN ('997','999')) and VIGTP = 1-4  

**Description:**  
Sample adults aged 18+ years who participate in vigorous activities for at least 10 min  

**Sources:**  
VIGLNGNO; VIGLNGTP  

**Recodes:**  
None  

**Keywords:**  
physical activity; vigorous activity; exercise  

**Notes:**  
None  

**Duration vigorous activity (in minutes)**  

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>010-720</td>
<td>10-720 minutes</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>999</td>
<td>Don't know</td>
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</tbody>
</table>

### Question ID: AHB.110_01.000  
#### Instrument Variable Name: MODNO  
Final Documentation Name: MODNO  

**How often do you do LIGHT OR MODERATE leisure-time physical activities for AT LEAST 10 MINUTES that cause ONLY LIGHT sweating or a SLIGHT to MODERATE increase in breathing or heart rate?**  

**Universe:**  
ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))  

**Description:**  
Sample adults aged 18+ years  

**Sources:**  
None  

**Recodes:**  
MODFREQW  

**Keywords:**  
physical activity; exercise; light activity; moderate activity  

**Notes:**  
None  

**Test:**  
Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)  

**Freq moderate activity: # of units**  

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>000</td>
<td>Never</td>
</tr>
<tr>
<td>001-995</td>
<td>1-995 time(s)</td>
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<tr>
<td>996</td>
<td>Unable to do this type activity</td>
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<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
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<td>999</td>
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</table>
Question ID: AHB.110_02.000

How often do you do LIGHT OR MODERATE leisure-time physical activities for AT LEAST 10 MINUTES that cause ONLY LIGHT sweating or a SLIGHT to MODERATE increase in breathing or heart rate?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997', '999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: MODFREQW

Keywords: physical activity; exercise; light activity; moderate activity

Notes: None

Freq moderate activity: Time units

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>0</td>
<td>Never</td>
</tr>
<tr>
<td>1</td>
<td>Per day</td>
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<td>2</td>
<td>Per week</td>
</tr>
<tr>
<td>3</td>
<td>Per month</td>
</tr>
<tr>
<td>4</td>
<td>Per year</td>
</tr>
<tr>
<td>6</td>
<td>Unable to do this activity</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
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</table>

Question ID: AHB.110_02.000 R01 RECODE

Freq light/moderate activity (times per wk)

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than once per week</td>
</tr>
<tr>
<td>01-28</td>
<td>1-28 times per week</td>
</tr>
<tr>
<td>95</td>
<td>Never</td>
</tr>
<tr>
<td>96</td>
<td>Unable to do light or moderate activity</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
About how long do you do these light or moderate leisure-time physical activities each time?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and MODTP = 1, 2, 3, 4

Description: Sample adults aged 18+ years who do light or moderate activities

Sources: None

Recodes: MODMIN

Keywords: physical activity; light activity; moderate activity; exercise

Notes: None


Duration moderate activity: # of units

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>001-995</td>
<td>1-995</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>999</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

About how long do you do these light or moderate leisure-time physical activities each time?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and MODTP = 1 - 4

Description: Sample adults aged 18+ years who do light or moderate activities

Sources: None

Recodes: MODMIN

Keywords: physical activity; light activity; moderate activity; exercise

Notes: None


Duration moderate activity: Time unit

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Minutes</td>
</tr>
<tr>
<td>2</td>
<td>Hours</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**Question ID:** AHB.120_02.000  
**Instrument Variable Name:** MODMIN

**About how long do you do these light or moderate activities each time?**

**Universe:** ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999')) and MODTP = 1 - 4

**Description:** Sample adults aged 18+ years who participate in light/moderate activities for at least 10 min

**Sources:** MODLNGNO; MODLNGTP

**Recodes:** None

**Keywords:** physical activity; light activity; moderate activity; exercise

**Notes:** None

Duration light/moderate activity (in minutes)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>010-720</td>
<td>10-720 minutes</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>999</td>
<td>Don't know</td>
</tr>
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</table>

**Question ID:** AHB.130_01.000  
**Instrument Variable Name:** STRNGNO

**How often do you do leisure-time physical activities specifically designed to STRENGTHEN your muscles such as lifting weights or doing calisthenics? (Include all such activities even if you have mentioned them before.)**

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** STRFREQW

**Keywords:** physical activity; exercise; strength; strengthening

**Notes:** Duration was not asked for this activity.

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

Strength activity freq: # of units

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>000</td>
<td>Never</td>
</tr>
<tr>
<td>001-995</td>
<td>1-995 time(s)</td>
</tr>
<tr>
<td>996</td>
<td>Unable to do this type activity</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>999</td>
<td>Don't know</td>
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</table>
How often do you do leisure-time physical activities specifically designed to STRENGTHEN your muscles such as lifting weights or doing calisthenics? (Include all such activities even if you have mentioned them before.)

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: STRFREQW

Keywords: physical activity; exercise; strength; strengthening

Notes: Duration was not asked for this activity.


Strength activity freq: Time units

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Never</td>
</tr>
<tr>
<td>1</td>
<td>Per day</td>
</tr>
<tr>
<td>2</td>
<td>Per week</td>
</tr>
<tr>
<td>3</td>
<td>Per month</td>
</tr>
<tr>
<td>4</td>
<td>Per year</td>
</tr>
<tr>
<td>6</td>
<td>Unable to do this activity</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**How often do you do physical activities specifically designed to STRENGTHEN your muscles such as lifting weights or doing calisthenics?**  (Include all such activities even if you have mentioned them before.)

**Universe:**  
ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999'))

**Description:**  
Sample adults aged 18+ years

**Sources:**  
STRNGNO; STRNGTP

**Recodes:**  
None

**Keywords:**  
physical activity; exercise; strength; strengthening

**Notes:**  
Duration was not asked for this activity.

### Freq strength activity (times per wk)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than once per week</td>
</tr>
<tr>
<td>01-28</td>
<td>1-28 times per week</td>
</tr>
<tr>
<td>95</td>
<td>Never</td>
</tr>
<tr>
<td>96</td>
<td>Unable to do strength activity</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
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<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**Question ID:** AHB.130_02.000  
**Instrument Variable Name:** STRFREQW

**Final Documentation Name:** STRFREQW

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**Question ID:** AHB.140_00.000  
**Instrument Variable Name:** ALC1YR

**Final Documentation Name:** ALC1YR

**In ANY ONE YEAR, have you had at least 12 drinks of any type of alcoholic beverage?**

**Universe:**  
ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:**  
Sample adults aged 18+ years

**Sources:**  
None

**Recodes:**  
ALCSTAT

**Keywords:**  
alcohol consumption; drinking;

**Notes:**  
None

**Test:**  
Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

**Ever had 12+ drinks in any one year**

<table>
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<tr>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
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<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: AHB.150_00.000  
Instrument Variable Name: ALCLIFE  
Final Documentation Name: ALCLIFE

In your ENTIRE LIFE, have you had at least 12 drinks of any type of alcoholic beverage?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ALC1YR = '2', '7'-9')

Description: Sample adults aged 18+ years who have not had 12 drinks in any one year or don't know if they did or refused to answer or NA

Sources: None
Recodes: ALCSTAT
Keywords: alcohol consumption; drinking; lifetime
Notes: None

Had 12+ drinks in ENTIRE LIFE

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: AHB.160_01.000  
Instrument Variable Name: ALC12MNO  
Final Documentation Name: ALC12MNO

In the PAST YEAR, how often did you drink any type of alcoholic beverage?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and (ALC1YR = 1 or ALCLIFE = 1)

Description: Sample adults aged 18+ years who have had at least 12 drinks in any one year or at least 12 drinks in their entire life

Sources: None
Recodes: ALC12MWK; ALC12MYR; ALCSTAT
Keywords: alcohol consumption; drinking frequency
Notes: Not edited for consistency with number of days in past year consumed 5+ drinks [that is, ALC5UPN1; ALC5UPT1; ALC5UPY1].

Freq drank alcohol pst yr: # of units

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>000</td>
<td>Never</td>
</tr>
<tr>
<td>001-365</td>
<td>1-365 days</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>999</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**In the PAST YEAR, how often did you drink any type of alcoholic beverage?**

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997', '999')) and (ALC1YR = 1 or ALCLIFE = 1)

**Description:** Sample adults aged 18+ years who have had at least 12 drinks in any one year or at least 12 drinks in their entire life

**Sources:** None

**Recodes:** ALC12MWK; ALC12MYR; ALCSTAT

**Keywords:** alcohol consumption; drinking frequency

**Notes:** Not edited for consistency with number of days in past year consumed 5+ drinks [that is, ALC5UPN1; ALC5UPT1; ALC5UPY1].

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

**Freq drank alcohol pst yr: Time unit**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Never/None</td>
</tr>
<tr>
<td>1</td>
<td>Week</td>
</tr>
<tr>
<td>2</td>
<td>Month</td>
</tr>
<tr>
<td>3</td>
<td>Year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**Freq drank alcohol: Days per week**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than one day per week</td>
</tr>
<tr>
<td>01-07</td>
<td>1-7 days per week</td>
</tr>
<tr>
<td>95</td>
<td>Did not drink in past year</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: AHB.160_02.000  
In the PAST YEAR, how often did you drink any type of alcoholic beverage?

Universe: ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999')) and ALC1YR = 1 or ALCLIFE = 1
Description: Sample adults aged 18+ years who have had at least 12 drinks in any one year or at least 12 drinks in entire life
Sources: ALC12MNO; ALC12MTP
Recodes: ALCSTAT
Keywords: alcohol consumption; drinking frequency
Notes: (1) Not edited for consistency with number of days in past year consumed 5+ drinks [that is, ALC5UPN1; ALC5UPT1; ALC5UPY1]. (2) Values calculated from responses of 31 days per month were truncated to 365 days per year.

Freq drank alcohol: Days in past year

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>000</td>
<td>Never/none</td>
</tr>
<tr>
<td>001-365</td>
<td>1-365 days</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>999</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: AHB.170_00.000  
In the PAST YEAR, on those days that you drank alcoholic beverages, on the average, how many drinks did you have?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ALC12MTP = 1-3
Description: Sample adults aged 18+ years who drank at least once in the past year
Sources: None
Recodes: ALCSTAT
Keywords: alcohol; drinking; amount; quantity
Notes: None
Test: Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

Average # drinks on days drank

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94 drinks</td>
</tr>
<tr>
<td>95</td>
<td>95+ drinks</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
2016 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Behaviors
PUBLIC USE
Document Version Date: 13-Jun-17

Question ID: AHB.170_00.000 R01 RECODE

Instrument Variable Name: Final Documentation Name: ALCSTAT

Universe: ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997', '999'))

Description: Sample adults aged 18+ years

Sources: ALC1YR; ALCLIFE; ALC12MYR; ALCAMT; SEX

Recodes: None

Keywords: alcohol; drinking

Notes: Lifetime abstainer: <12 drinks in lifetime; Former infrequent: 12+ drinks in lifetime but never as many as 12 in 1 yr and none in past yr; Former regular: 12+ drinks in lifetime, 12+ drinks in 1 yr, but none in past yr; Former unknown frequency: 12+ drinks in lifetime, none in past year, don't know if 12+ in any 1 yr; Current infrequent: 12+ drinks in lifetime, and 1-11 drinks in past yr; Current light: 12+ drinks in lifetime, and <=3 drinks per week in past yr; Current moderate: 12+ drinks in lifetime, and (male) >3 drinks per week up to 14 drinks per week OR (female) >3 drinks per week up to 7 drinks per week; Current heavier: 12+ drinks in lifetime, and (male) >14 drinks per week in past year OR (female) >7 drinks per week in past yr. (Average consumption)

Alcohol drinking status: Recode

01 Lifetime abstainer
02 Former infrequent
03 Former regular
04 Former, unknown frequency
05 Current infrequent
06 Current light
07 Current moderate
08 Current heavier
09 Current drinker, frequency/level unknown
10 Drinking status unknown
Question ID: AHB.180_01.000

In the PAST YEAR, on how many DAYS did you have 5 or more/4 or more drinks of any alcoholic beverage?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ALC12MTP = 1-3

Description: Sample adults aged 18+ years who drank at least once in the past year

Sources: None

Recodes: ALC5UPY1

Keywords: alcohol consumption; heavy drinking; frequency

Notes: Not edited for consistency with average number of days or average amount drank in past year [that is, ALC12MNO; ALC12MTP; ALC12MWK; ALC12MYR]. Beginning in 2014, ALC5UPNO - ALC5UPTP question's wording changed by differentiating drinks by sex (men 5+ drinks, and women 4+ drinks) to the 2014 AHB questionnaire (without changing the original instrument variable names on the questionnaire). The edits did not change, rather only the final output was re-named and the documentation’s Final DocName both became ALC5UPN1 from ALC5UPNO. Modified in 2014 to the AHB section.

Days 5+/4+ drinks, past yr: # days

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>000</td>
<td>Never/None</td>
</tr>
<tr>
<td>001-365</td>
<td>1-365 days</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>999</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: AHB.180_02.000  Instrument Variable Name: ALC5UPTP
Final Documentation Name: ALC5UPT1

In the PAST YEAR, on how many DAYS did you have 5 or more/4 or more drinks of any alcoholic beverage?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ALC12MTP = 1-3

Description: Sample adults aged 18+ years who drank at least once in the past year

Sources: None
Recodes: ALC5UPY1
Keywords: alcohol consumption; heavy drinking; frequency

Notes: Not edited for consistency with average number of days or average amount drank in past year [that is, ALC12MNO; ALC12MTP; ALC12MWK; ALC12MYR]. Beginning in 2014, ALC5UPNO - ALC5UPTP question's wording changed by differentiating drinks by sex (men 5+ drinks, and women 4+ drinks) to the 2014 AHB questionnaire (without changing the original instrument variable names on the questionnaire). The edits did not change, rather only the final output was re-named and the documentation's Final DocName became ALC5UPT1 from ALC5UPTP. Modified in 2014 to the AHB section.

Days 5+/4+ drinks, past yr: Time unit

0 Never/None
1 Per week
2 Per month
3 Per year
7 Refused
8 Not ascertained
9 Don't know
2016 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Behaviors
PUBLIC USE
Document Version Date: 13-Jun-17

Question ID: AHB.180_02.000 R01 RECODE
Instrument Variable Name:
Final Documentation Name: ALC5UPY1

In the PAST YEAR, on how many DAYS did you have 5 or more/4 or more drinks of any alcoholic beverage?

Universe: ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999')) and ALC12MTP = 1-3
Description: Sample adults aged 18+ years who drank at least once in past year

Sources: ALC5UPN1; ALC5UPT1
Recodes: None
Keywords: alcohol consumption; heavy drinking; frequency
Notes: Not edited for consistency with average number of days or average amount drank in past year [that is, ALC12MNO; ALC12MTP; ALC12MWK; ALC12MYR]. Beginning in 2014, the source question's wording (for ALC5UPNO & ALC5UPTP) changed by differentiating drinks by sex (men 5+ drinks, and women 4+ drinks) to the 2014 AHB questionnaire (without changing the original instrument variable names on the questionnaire); therefore, this recode, ALC5UPYR, changed its’ wording to match. The edits did not change, rather only the final output was re-named and the documentation’s Final DocName became ALC5UPY1 from ALC5UPYR. Modified in 2014 to the AHB section.

Number of days had 5+/4+ drinks past year

<table>
<thead>
<tr>
<th>Code</th>
<th>Label</th>
</tr>
</thead>
<tbody>
<tr>
<td>000</td>
<td>Never/None</td>
</tr>
<tr>
<td>001-365</td>
<td>1-365 days</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>999</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: AHB.181_00.000

Instrument Variable Name: BINGE1

Final Documentation Name: BINGE1

? [F1]

Considering all types of alcoholic beverages, DURING THE PAST 30 DAYS, how many times did you have [fill: 5 or more/4 or more] drinks on an occasion?

* Enter '0' if none.

* Enter '60' if 60 or more times.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN('997','999')) and ('001' <= ALC5UPN1 <= '365')

Description: Sample adults 18+ who have had 5+ (males) or 4+ (females) drinks in one day at least once in the past year

Sources: None

Recodes: None

Keywords: binge; binge drinking; excessive alcohol consumption; over-drinking; alcohol consumption; alcohol; drinking; alcoholic beverage

Notes: Continuing since 2015, for public-use release of Qtrs. 1-4. [Beginning in 2014, BINGE1 was added in Q4 as a revised alcohol question replacing BINGE (Q1 - Q3 data), but was restricted in 2014 to In-house use only for methodological reasons as BINGE1 only contains 1 qtr. of 2014 data (Q4). (BINGE1's wording is consistent with BRFSS's question wording.)]

Number of times had 5+/4+ drinks on AN OCCASION, past 30 days

<table>
<thead>
<tr>
<th>Number of Times</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00-60</td>
<td>0-60</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: AHB.190_04.000  R03  RECODE
Instrument Variable Name: AHEIGHT

How tall are you without shoes?

Universe: ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults aged 18+ years

Sources: None
Recodes: BMI
Keywords: height
Notes: Since 1997, men's heights were top-coded to 76 inches and women's to 70 inches. Not available (96) refers to persons who had extreme values in either height or weight or both. See Survey Description Document for details.

Total height in inches

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>59-76</td>
<td>59-76 inches</td>
</tr>
<tr>
<td>96</td>
<td>Not available</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: AHB.200_02.000  R03  RECODE
Instrument Variable Name: AWEIGHTP

How much do you weigh without shoes?

Universe: ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults aged 18+ years

Sources: None
Recodes: BMI
Keywords: body weight
Notes: Not available (996) refers to persons who had (sex-specific) extreme values for either height or weight or both, that cannot be released for reasons of confidentiality. AWEIGHTP includes values of 126-299 lbs for men and 100-274 lbs for women. Pregnant women, aged 18-49 years, were not excluded from this question and they may be identified using the variable PREGNOW (ACN. 370). See Survey Description Document for details.

Weight without shoes (pounds)

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-299</td>
<td>100-299 pounds</td>
</tr>
<tr>
<td>996</td>
<td>Not available</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>999</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: AHB.200_02.000  
R04 RECODE  
Instrument Variable Name: BMI  
Final Documentation Name: BMI

Universe: ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999'))  
Description: Sample adults aged 18+ years  

Sources: AHEIGHTN; WT_LB  
Recodes: None  
Keywords: body mass index; BMI; overweight; obesity; underweight  
Notes: (1) BMI was calculated using the in-house version of the height and weight variables, which contain the greater range of height and weight values than are available on the public use file. The range of possible BMI values listed (0001-9994) does not reflect actual calculated BMI values at the extremes of the range, but rather, allows for the theoretical possibility of such unlikely values. (2) BMI = [Weight (kg)/[Height(m) squared]] rounded to 2 decimal places. Conversion factors: 1 kg = 2.20462 pounds; 1 meter (m) = 39.37008 inches. For both men and women, underweight is BMI < 18.5; healthy weight is BMI 18.5 to <25; overweight is BMI >= 25 to <30; obese is BMI >= 30.

Body Mass Index (BMI)  
<table>
<thead>
<tr>
<th>Code</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>0001-9994</td>
<td>00.01-99.94</td>
</tr>
<tr>
<td>9995</td>
<td>99.95+</td>
</tr>
<tr>
<td>9999</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

Question ID: AAU.020_00.000  
Instrument Variable Name: AUSUALPL  
Final Documentation Name: AUSUALPL

Is there a place that you USUALLY go to when you are sick or need advice about your health?  
Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))  
Description: Sample adults aged 18+ years  

Sources: None  
Recodes: None  
Keywords: access; source; health care provider  
Notes: None  

Place USUALLY go when sick  
<table>
<thead>
<tr>
<th>Code</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>There is NO place</td>
</tr>
<tr>
<td>3</td>
<td>There is MORE THAN ONE place</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**Question ID:** AAU.030_00.000  
**Instrument Variable Name:** APLKIND  
**Final Documentation Name:** APLKIND

如果 AUSUALPL = 1，则询问在生病或需要健康建议时，该地方是诊所、医生的办公室、急诊室，还是其他地方？如果 AUSUALPL = 3，则询问你去的最多的地方是诊所、医生的办公室、急诊室，还是其他地方？

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AUSUALPL IN('1','3')

**Description:** 样本成年人（18岁及以上）中，至少有一个通常去地方以获得健康建议的人

**Sources:** 无

**Recodes:** 无

**Keywords:** 访问；来源；医疗保健提供者

**Notes:** 无

**Place to go when sick (most often)**  
1. Clinic or health center  
2. Doctor's office or HMO  
3. Hospital emergency room  
4. Hospital outpatient department  
5. Some other place  
6. Doesn't go to one place most often  
7. Refused  
8. Not ascertained  
9. Don't know

**Question ID:** AAU.035_00.000  
**Instrument Variable Name:** AHCPLROU  
**Final Documentation Name:** AHCPLROU

询问该地方是你通常去的地方吗？

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and APLKIND IN ('1','2','3','4','5')

**Description:** 样本成年人中，至少有一个通常去地方以获得健康建议的人

**Sources:** 无

**Recodes:** 无

**Keywords:** 访问；来源；医疗保健提供者

**Notes:** 无

**USUALLY go there for routine/preventive care**  
1. Yes  
2. No  
7. Refused  
8. Not ascertained  
9. Don't know
What kind of place do you USUALLY go to when you need routine or preventive care, such as a physical examination or check-up?

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (AUSUALPL NOT IN ('1','3') or APLKIND IN ('6','7','8','9') or AHCPLROU NE '1')

**Description:**
Sample adults aged 18+ years who do not have a usual source of sick care; who Ref/NA/DK if have a usual source of sick care; who have a usual source of sick care but do not go to one place most often or Ref/NA/DK what kind of place; who have a usual source of sick care, but it is not same place as usual source of routine/preventive care; who have a usual source of sick care but Ref/NA/DK if it is same place as usual source of routine care.

**Sources:**
None

**Recodes:**
None

**Keywords:**
access; source; preventive care; health care provider

**Notes:**
None

**Place USUALLY go for routine/preventive care**

<table>
<thead>
<tr>
<th>Place Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Doesn't get preventive care anywhere</td>
</tr>
<tr>
<td>1</td>
<td>Clinic or health center</td>
</tr>
<tr>
<td>2</td>
<td>Doctor's office or HMO</td>
</tr>
<tr>
<td>3</td>
<td>Hospital emergency room</td>
</tr>
<tr>
<td>4</td>
<td>Hospital outpatient department</td>
</tr>
<tr>
<td>5</td>
<td>Some other place</td>
</tr>
<tr>
<td>6</td>
<td>Doesn't go to one place most often</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
At any time in the PAST 12 MONTHS did you CHANGE the place(s) to which you USUALLY go for health care?

Change health care place, past 12 m

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know

Was this change for a reason related to health insurance?

Change related to health insurance

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
Question ID: AAU.051_00.010  
Instrument Variable Name: APRVTRYR  
Final Documentation Name: APRVTRYR

DURING THE PAST 12 MONTHS, did you have any trouble finding a general doctor or provider who would see you?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))  
Description: Sample adults aged 18+ years

Sources: None  
Recodes: None  
Keywords: access; source; health care provider  
Notes: 2011 Supplement question

Trouble finding a doctor/provider, past 12 m

1 Yes  
2 No  
7 Refused  
8 Not ascertained  
9 Don't know

Question ID: AAU.053_00.010  
Instrument Variable Name: APRVTRFD  
Final Documentation Name: APRVTRFD

Were you able to find a general doctor or provider who could see you?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and APRVTRYR='1'  
Description: Sample adults aged 18+ years who had trouble finding a provider

Sources: None  
Recodes: None  
Keywords: access; source; health care provider  
Notes: 2011 Supplement question

Able to find doctor/provider, past 12 m

1 Yes  
2 No  
7 Refused  
8 Not ascertained  
9 Don't know
**Question ID:** AAU.057_00.010  
**Instrument Variable Name:** ADRNANP  
**Final Documentation Name:** ADRNANP

**DURING THE PAST 12 MONTHS, were you told by a doctor's office or clinic that they would not accept you as a new patient?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** None

**Keywords:** access; source; health care provider

**Notes:** 2011 Supplement question

- Yes
- No
- Refused
- Not ascertained
- Don’t know

---

**Question ID:** AAU.059_00.010  
**Instrument Variable Name:** ADRNAI  
**Final Documentation Name:** ADRNAI

**DURING THE PAST 12 MONTHS, were you told by a doctor's office or clinic that they did not accept your health care coverage?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** None

**Keywords:** access; source; health care provider; health insurance

**Notes:** 2011 Supplement question

- Yes
- No
- Refused
- Not ascertained
- Don’t know

---
There are many reasons people delay getting medical care. Have you delayed getting care for any of the following reasons in the PAST 12 MONTHS? ..... You couldn't get through on the telephone

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; delayed care; access problems
Notes: None

Couldn't get through on phone, past 12 m

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know

There are many reasons people delay getting medical care. Have you delayed getting care for any of the following reasons in the PAST 12 MONTHS? ..... You couldn't get an appointment soon enough

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; delayed care; access problems; scheduling
Notes: None

 Couldn't get appointment soon enough, past 12 m

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
**Question ID:** AAU.061_03.000  
**Instrument Variable Name:** AHCDLY_3  
**Final Documentation Name:** AHCDLYR3

There are many reasons people delay getting medical care. Have you delayed getting care for any of the following reasons in the PAST 12 MONTHS? ..... Once you get there, you have to wait too long to see the doctor

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))

Description: Sample adults aged 18+ years

<table>
<thead>
<tr>
<th>Wait too long in doctor's office, past 12 m</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**Question ID:** AAU.061_04.000  
**Instrument Variable Name:** AHCDLY_4  
**Final Documentation Name:** AHCDLYR4

There are many reasons people delay getting medical care. Have you delayed getting care for any of the following reasons in the PAST 12 MONTHS? ..... The clinic/doctor's office wasn't open when you could get there

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))

Description: Sample adults aged 18+ years

<table>
<thead>
<tr>
<th>Not open when you could go, past 12 m</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
There are many reasons people delay getting medical care. Have you delayed getting care for any of the following reasons in the PAST 12 MONTHS? ..... You didn't have transportation

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: access; source; delayed care; transportation problems

Notes: None

No transportation, past 12 m

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
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<td>2</td>
<td>No</td>
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<td>7</td>
<td>Refused</td>
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<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
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</table>

DURING THE PAST 12 MONTHS, was there any time when you needed any of the following, but didn't get it because you couldn't afford it? ..... Prescription medicines

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: access; source; medical expense; cost of medication; drugs

Notes: None

Couldnt afford prescription medicine, past 12 m

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<td>7</td>
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<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
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</table>
DURING THE PAST 12 MONTHS, was there any time when you needed any of the following, but didn't get it because you couldn't afford it? ..... Mental health care or counseling

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Couldn't afford mental health care/counseling, past 12 m

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know

DURING THE PAST 12 MONTHS, was there any time when you needed any of the following, but didn't get it because you couldn't afford it? ..... Dental care (including check-ups)

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Couldn't afford dental care, past 12 m

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
DURING THE PAST 12 MONTHS, was there any time when you needed any of the following, but didn't get it because you couldn't afford it? ..... Eyeglasses

Could't afford eyeglasses, past 12 m

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know

DURING THE PAST 12 MONTHS, was there any time when you needed any of the following, but didn't get it because you couldn't afford it? ..... To see a specialist.

Could't afford to see a specialist, past 12 m

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
2016 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 13-Jun-17

Question ID: AAU.111_06.010
Instrument Variable Name: AHCAFY_6
Final Documentation Name: AHCAFYR6

DURING THE PAST 12 MONTHS, was there any time when you needed any of the following, but didn't get it because you couldn't afford it?
...Follow-up care.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; cost; follow-up visit
Notes: 2011 Supplement question

Couldn't afford follow-up care, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Question ID: AAU.113_00.010
Instrument Variable Name: AWORPAY
Final Documentation Name: AWORPAY

If you get sick or have an accident, how worried are you that you will be able to pay your medical bills? Are you very worried, somewhat worried, or not at all worried?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; cost worry
Notes: 2011 Supplement question

Get sick or have accident, worried about paying medical bills

1 Very worried
2 Somewhat worried
3 Not at all worried
7 Refused
8 Not ascertained
9 Don't know
In regard to your health insurance or health care coverage, how does it compare to a year ago? Is it better, worse, or about the same?

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:**
Sample adults aged 18+ years

**Notes:**
2011 Supplement question

<table>
<thead>
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<th>Code</th>
<th>Description</th>
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<td>1</td>
<td>Better</td>
</tr>
<tr>
<td>2</td>
<td>Worse</td>
</tr>
<tr>
<td>3</td>
<td>About the same</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
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</table>

**Question ID:** AAU.113_00.020

**Instrument Variable Name:** AHICOMP

**Final Documentation Name:** AHICOMP

DURING THE PAST 12 MONTHS, were you prescribed medication by a doctor or other health professional?

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:**
Sample adults 18+

**Notes:**
2013 Supplement questions

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<td>Refused</td>
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<td>8</td>
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**Question ID:** AAU.126_01.010

**Instrument Variable Name:** ARX12MO

**Final Documentation Name:** ARX12MO
### Question ID: AAU.127_01.010  
**Instrument Variable Name:** ARX12_1  
**Final Documentation Name:** ARX12_1

**DURING THE PAST 12 MONTHS, were any of the following true for you?**

...You skipped medication doses to save money

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ARX12MO='1'

**Description:** Sample adults 18+ who had been prescribed prescription medication in the past 12 months

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; prescription drugs; cost  
**Notes:** 2011 Supplement question. In 2013, the variable name changed from ARXPR_1 to ARX12_1. See the 2013 Variable Layout for more information.

<table>
<thead>
<tr>
<th></th>
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<th>7</th>
<th>8</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>skipped medication doses to save money, past 12 m</td>
<td>Yes</td>
<td>No</td>
<td>Refused</td>
<td>Not ascertained</td>
<td>Don't know</td>
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</table>

### Question ID: AAU.127_02.010  
**Instrument Variable Name:** ARX12_2  
**Final Documentation Name:** ARX12_2

**DURING THE PAST 12 MONTHS, were any of the following true for you?**

...you took less medicine to save money

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ARX12MO='1'

**Description:** Sample adults 18+ who had been prescribed prescription medication in the past 12 months

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; prescription drugs; cost  
**Notes:** 2011 Supplement question. In 2013, the variable name changed from ARXPR_2 to ARX12_2. See the 2013 Variable Layout for more information.

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<th>7</th>
<th>8</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>took less medicine to save money, past 12 m</td>
<td>Yes</td>
<td>No</td>
<td>Refused</td>
<td>Not ascertained</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: AAU.127_03.010

Instrument Variable Name: ARX12_3

Final Documentation Name: ARX12_3

DURING THE PAST 12 MONTHS, were any of the following true for you?

You delayed filling a prescription to save money

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ARX12MO='1'

Description: Sample adults 18+ who had been prescribed prescription medication in the past 12 months

Sources: None

Recodes: None

Keywords: access; source; prescription drugs; cost

Notes: 2011 Supplement question. In 2013, the variable name changed from ARXPR_3 to ARX12_3. See the 2013 Variable Layout for more information.

Delayed filling a prescription to save money, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Question ID: AAU.127_04.010

Instrument Variable Name: ARX12_4

Final Documentation Name: ARX12_4

DURING THE PAST 12 MONTHS, were any of the following true for you?

You asked your doctor for a lower cost medication to save money.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ARX12MO='1'

Description: Sample adults 18+ who had been prescribed prescription medication in the past 12 months

Sources: None

Recodes: None

Keywords: access; source; prescription drugs; generic drugs; cost

Notes: 2011 Supplement question. In 2013, the variable name changed from ARXPR_4 to ARX12_4. See the 2013 Variable Layout for more information.

Asked doctor for lower cost medication to save money, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** AAU.127_05.010  
**Instrument Variable Name:** ARX12_5  
**Final Documentation Name:** ARX12_5

**DURING THE PAST 12 MONTHS, were any of the following true for you?**  
...You bought prescription drugs from another country to save money.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))  
Description: Sample adults 18+

| Sources: | None |
| Recodes: | None |
| Keywords: | access; source; prescription drugs; cost |
| Notes: | 2011 Supplement question. In 2013, the variable name changed from ARXPR_5 to ARX12_5. See the 2013 Variable Layout for more information. |

Bought prescription drugs from another country to save money, past 12 m

1  Yes  
2  No  
7  Refused  
8  Not ascertained  
9  Don't know

---

**Question ID:** AAU.127_06.010  
**Instrument Variable Name:** ARX12_6  
**Final Documentation Name:** ARX12_6

**DURING THE PAST 12 MONTHS, were any of the following true for you?**  
...You used alternative therapies to save money.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))  
Description: Sample adults aged 18+

| Sources: | None |
| Recodes: | None |
| Keywords: | access; source; cost; alternative medicine |
| Notes: | 2011 Supplement question. In 2013, the variable name changed from ARXPR_6 to ARX12_6. See the 2013 Variable Layout for more information. |

Used alternative therapies to save money, past 12 m

1  Yes  
2  No  
7  Refused  
8  Not ascertained  
9  Don't know
**2016 NATIONAL HEALTH INTERVIEW SURVEY**
Sample Adult
samadult: Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 13-Jun-17

**Question ID:** AAU.135_00.000
**Instrument Variable Name:** ADENLONG
**Final Documentation Name:** ADNLONG2

**About how long has it been since you last saw a dentist? Include all types of dentists, such as orthodontists, oral surgeons, and all other dental specialists, as well as dental hygienists.**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))

**Description:** Sample adults aged 18+ years

**Sources:** None
**Recodes:** None
**Keywords:** access; source; dental visit; oral health; advice; treatment
**Notes:** None

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<th>Time since last saw a dentist</th>
<th>Value</th>
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<tr>
<td>Never</td>
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<tr>
<td>6 months or less</td>
<td>1</td>
</tr>
<tr>
<td>More than 6 mos, but not more than 1 yr ago</td>
<td>2</td>
</tr>
<tr>
<td>More than 1 yr, but not more than 2 yrs ago</td>
<td>3</td>
</tr>
<tr>
<td>More than 2 yrs, but not more than 5 yrs ago</td>
<td>4</td>
</tr>
<tr>
<td>More than 5 yrs ago</td>
<td>5</td>
</tr>
<tr>
<td>Refused</td>
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<tr>
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**Question ID:** AAU.141_01.000
**Instrument Variable Name:** AHCSY1_1
**Final Documentation Name:** AHCSYR1

**DURING THE PAST 12 MONTHS, have you seen or talked to any of the following health care providers about your own health? ..... A mental health professional such as a psychiatrist, psychologist, psychiatric nurse, or clinical social worker**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))

**Description:** Sample adults aged 18+ years

**Sources:** None
**Recodes:** None
**Keywords:** access; source; dr. visit/contact; medical advice; treatment; therapy; counseling
**Notes:** None

**See/talked to mental health professional, past 12 m**

<table>
<thead>
<tr>
<th></th>
<th>Value</th>
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<tbody>
<tr>
<td>Yes</td>
<td>1</td>
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<tr>
<td>No</td>
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</table>
**Question ID:** AAU.141_02.000  
**Instrument Variable Name:** AHCSY1_2  
**Final Documentation Name:** AHCSYR2

**DURING THE PAST 12 MONTHS, have you seen or talked to any of the following health care providers about your own health? ..... An optometrist, ophthalmologist, or eye doctor (someone who prescribes eyeglasses)**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

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<td>1</td>
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<td>2</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
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**Question ID:** AAU.141_03.000  
**Instrument Variable Name:** AHCSY1_3  
**Final Documentation Name:** AHCSYR3

**DURING THE PAST 12 MONTHS, have you seen or talked to any of the following health care providers about your own health? ..... A foot doctor**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

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<td>7</td>
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</table>
### Question ID: AAU.141_04.000

**Instrument Variable Name:** AHCSY1_4  
**Final Documentation Name:** AHCSYR4

**DURING THE PAST 12 MONTHS,** have you seen or talked to any of the following health care providers about your own health? ..... A chiropractor

| Universe: | ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) |
| Sources: | None |
| Recodes: | None |
| Keywords: | access; source; dr. visit/contact; medical advice; chiropractor |
| Notes: | None |

**Seen/talked to a chiropractor, past 12 m**

| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

### Question ID: AAU.141_05.000

**Instrument Variable Name:** AHCSY1_5  
**Final Documentation Name:** AHCSYR5

**DURING THE PAST 12 MONTHS,** have you seen or talked to any of the following health care providers about your own health? ..... A physical therapist, speech therapist, respiratory therapist, audiologist, or occupational therapist

| Universe: | ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) |
| Sources: | None |
| Recodes: | None |
| Keywords: | access; source; dr. visit/contact; medical advice; therapy |
| Notes: | None |

**Seen/talked to therapist (PT/OT/etc.), past 12 m**

| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
DURING THE PAST 12 MONTHS, have you seen or talked to any of the following health care providers about your own health? ..... A nurse practitioner, physician assistant, or midwife

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; dr. visit/contact; midwife; nurse; physician assistant
Notes: None

Seen/talked to a NP/PA/midwife, past 12 m

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<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
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DURING THE PAST 12 MONTHS, have you seen or talked to any of the following health care providers about your own health? ..... A doctor who specializes in women's health (an obstetrician/gynecologist)?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and SEX = '2'

Description: Female Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; dr. visit/contact; gynecologist; obstetrician
Notes: None

Seen/talked to OB/GYN, past 12 m

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<td>2</td>
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<td>Refused</td>
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2016 NATIONAL HEALTH INTERVIEW SURVEY  
Sample Adult  
samadult : Adult Access to Health Care & Utilization  
PUBLIC USE  
Document Version Date: 13-Jun-17

**Question ID:** AAU.211_01.000  
**Instrument Variable Name:** AHCSY8_8  
**Final Documentation Name:** AHCSYR8

**DURING THE PAST 12 MONTHS,** have you seen or talked to any of the following health care providers about your own health? ..... A medical doctor who specializes in a particular medical disease or problem (other than obstetrician/gynecologist, psychiatrist or ophthalmologist)?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; dr. visit/contact; medical advice; specialist  
**Notes:** None

Seen/talked to a medical specialist, past 12 m

1. Yes  
2. No  
7. Refused  
8. Not ascertained  
9. Don't know

**Question ID:** AAU.211_02.000  
**Instrument Variable Name:** AHCSY8_9  
**Final Documentation Name:** AHCSYR9

**DURING THE PAST 12 MONTHS,** have you seen or talked to any of the following health care providers about your own health? ..... A general doctor who treats a variety of illnesses (a doctor in general practice, family medicine, or internal medicine)

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; dr. visit/contact; general practitioner; internist; family doctor  
**Notes:** None

Seen/talked to a general doctor, past 12 m

1. Yes  
2. No  
7. Refused  
8. Not ascertained  
9. Don't know
**Question ID:** AAU.230.00.000  
**Instrument Variable Name:** AHCSYR10  
**Final Documentation Name:** AHCSYR10

**Does that doctor treat children and adults (a doctor in general practice or family medicine)?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AHCSYR9 = '1'

**Description:** Sample adults aged 18+ years who have seen or talked to a general doctor during the past 12 months

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<td>9</td>
<td>Don't know</td>
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**Question ID:** AAU.240.00.000  
**Instrument Variable Name:** AHERNOYR  
**Final Documentation Name:** AHERNOY2

**DURING THE PAST 12 MONTHS, HOW MANY TIMES have you gone to a HOSPITAL EMERGENCY ROOM about your own health? (This includes emergency room visits that resulted in a hospital admission.)**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

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<th># times in ER/ED, past 12 m</th>
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<td>01</td>
<td>1</td>
</tr>
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<td>10-12</td>
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<td>07</td>
<td>13-15</td>
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<tr>
<td>08</td>
<td>16 or more</td>
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<tr>
<td>97</td>
<td>Refused</td>
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<tr>
<td>98</td>
<td>Not ascertained</td>
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<tr>
<td>99</td>
<td>Don't know</td>
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</table>
Thinking about your most recent emergency room visit, did you go to the emergency room either at night or on the weekend?

**Universes:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and ('01' <= AHERNOY2 <= '08')

**Description:** Sample adults aged 18+ years who had at least one ER visit in the past year.

**Sources:** None

**Recodes:** None

**Keywords:** access; source; emergency room visit (ER); emergency department visit (ED); critical care

**Notes:** 2011 Supplement question

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<thead>
<tr>
<th>ER visit at night or on weekend</th>
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<tbody>
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<tr>
<td>7</td>
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</table>

Did this emergency room visit result in a hospital admission?

**Universes:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and ('01' <= AHERNOY2 <= '08')

**Description:** Sample adults aged 18+ years who had at least one ER visit in the past year.

**Sources:** None

**Recodes:** None

**Keywords:** access; source; emergency room visit (ER); emergency department visit (ED); critical care

**Notes:** 2011 Supplement question

<table>
<thead>
<tr>
<th>ER visit resulted in hospital admission</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>9</td>
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</tbody>
</table>
Tell me which of these apply to your last emergency room visit?

... You didn't have another place to go

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01' <= AHERNOY2 <= '08')

Description:  
Sample adults aged 18+ years who had at least one ER visit in the past year

Sources:  
None

Recodes:  
None

Keywords:  
access; source; emergency room visit (ER); emergency department visit (ED); critical care

Notes:  
2011 supplement question. In 2012, the variable name changed from AERREAS1 to AERREA1R. See the 2012 AAU Appendix for more information.

ER visit because didn't have another place to go

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Tell me which of these apply to your last emergency room visit?

... Your doctor's office or clinic was not open

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01' <= AHERNOY2 <= '08')

Description:  
Sample adults aged 18+ years who had at least one ER visit in the past year

Sources:  
None

Recodes:  
None

Keywords:  
access; source; emergency room visit (ER); emergency department visit (ED); critical care

Notes:  
2011 supplement question. In 2012, the variable name changed from AERREAS2 to AERREA2R. See the 2012 AAU Appendix for more information.

ER visit because doctors office or clinic was not open

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Tell me which of these apply to your last emergency room visit?

... Your health provider advised you to go

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01' <= AHERNOY2 <= '08')

Description: Sample adults aged 18+ years who had at least one ER visit in the past year

Sources: None
Recodes: None
Keywords: access; source; emergency room visit (ER); emergency department visit (ED); critical care
Notes: 2011 supplement question. In 2012, the variable name changed from AERREAS3 to AERREA3R. See the 2012 AAU Appendix for more information.

ER visit because advised by health provider to go

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Tell me which of these apply to your last emergency room visit?

... The problem was too serious for the doctor's office or clinic

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01' <= AHERNOY2 <= '08')

Description: Sample adults aged 18+ years who had at least one ER visit in the past year

Sources: None
Recodes: None
Keywords: access; source; emergency room (ER); emergency department visit (ED); critical care
Notes: 2011 supplement question. In 2012, the variable name changed from AERREAS4 to AERREA4R. See the 2012 AAU Appendix for more information.

ER visit because problem too serious for doctor's office/clinic

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Tell me which of these apply to your last emergency room visit?

… Only a hospital could help you

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01' <= AHERNOY2 <= '08')

Description: Sample adults aged 18+ years who had at least one ER visit in the past year

Sources: None

Recodes: None

Keywords: access; source; emergency room visit (ER); emergency department visit (ED); critical care

Notes: 2011 supplement question. In 2012, the variable name changed from AERREAS5 to AERREA5R. See the 2012 AAU Appendix for more information.

ER visit because only hospital could help

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<td>1</td>
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<td>2</td>
<td>No</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Tell me which of these apply to your last emergency room visit?

… the emergency room is your closest provider

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01' <= AHERNOY2 <= '08')

Description: Sample adults aged 18+ years who had at least one ER visit in the past year

Sources: None

Recodes: None

Keywords: access; source; emergency room visit (ER); emergency department visit (ED); critical care

Notes: 2011 supplement question. In 2012, the variable name changed from AERREAS6 to AERREA6R. See the 2012 AAU Appendix for more information.

ER visit because it is closest provider

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<td>1</td>
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<td>2</td>
<td>No</td>
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<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Tell me which of these apply to your last emergency room visit?

...you get most of your care at the emergency room

<table>
<thead>
<tr>
<th>Universe</th>
<th>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01' &lt;= AHERNOY2 &lt;= '08')</th>
</tr>
</thead>
</table>

| Description | Sample adults aged 18+ years who had at least one ER visit in the past year |

<table>
<thead>
<tr>
<th>Sources</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recodes</td>
<td>None</td>
</tr>
</tbody>
</table>

| Keywords | access; source; emergency room visit (ER); emergency department visit (ED); critical care |

| Notes | 2011 supplement question. In 2012, the variable name changed from AERREAS7 to AERREA7R. See the 2012 AAU Appendix for more information. |

Arrived at ER by ambulance/other emergency vehicle

| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don’t know |

Tell me which of these apply to your last emergency room visit?

...you arrived by ambulance or other emergency vehicle

<table>
<thead>
<tr>
<th>Universe</th>
<th>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01' &lt;= AHERNOY2 &lt;= '08')</th>
</tr>
</thead>
</table>

| Description | Sample adults aged 18+ years who had at least one ER visit in the past year |

<table>
<thead>
<tr>
<th>Sources</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recodes</td>
<td>None</td>
</tr>
</tbody>
</table>

| Keywords | access; source; emergency room visit (ED); critical care; emergency vehicle; EMS |

| Notes | 2011 supplement question. In 2012, the variable name changed from AERREAS8 to AERREA8R. See the 2012 AAU Appendix for more information. |

Arrived at ER by ambulance/other emergency vehicle

| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don’t know |
Question ID: AAU.250_00.000  
Instrument Variable Name: AHCHYR  
Final Documentation Name: AHCHYR

**DURING THE PAST 12 MONTHS, did you receive care AT HOME from a nurse or other health care professional?**

**Universe:**  ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; home health visit; treatment; visiting nurse  
**Notes:** None

Received home care from health professional, past 12 m

1  Yes  
2  No  
7  Refused  
8  Not ascertained  
9  Don't know

Question ID: AAU.260_00.000  
Instrument Variable Name: AHCHMOYR  
Final Documentation Name: AHCHMOYR

**During how many of the PAST 12 MONTHS did you receive care AT HOME from a health care professional?**

**Universe:**  ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AHCHYR = '1'

**Description:** Sample adults aged 18+ years who received home care from health professional during past 12 months

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; home health visit; treatment; visiting nurse  
**Notes:** None

# months of home care, past 12 m

01-12  01-12 months  
97  Refused  
98  Not ascertained  
99  Don't know
What was the total number of home visits received during {that month/those months}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AHCHYR = '1'

Description: Sample adults aged 18+ years who received home care from health professional during past 12 months

Sources: None

Recodes: None

Keywords: access; source; home health visit; treatment; visiting nurse

Notes: None

Total number of home visits

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<tr>
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<tbody>
<tr>
<td>01</td>
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<td>07</td>
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<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**2016 NATIONAL HEALTH INTERVIEW SURVEY**  
**Sample Adult**  
samadult : Adult Access to Health Care & Utilization  
PUBLIC USE  
Document Version Date: 13-Jun-17

<table>
<thead>
<tr>
<th>Question ID: AAU.280_00.000</th>
<th>Instrument Variable Name: AHCNOYR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Final Documentation Name: AHCNOYR2</td>
<td></td>
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</tbody>
</table>

**Question:**  
DURING THE PAST 12 MONTHS, HOW MANY TIMES have you seen a doctor or other health care professional about your own health at a DOCTOR'S OFFICE, A CLINIC, OR SOME OTHER PLACE? Do not include times you were hospitalized overnight, visits to hospital emergency rooms, home visits, dental visits, or telephone calls.

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:**  
Sample adults aged 18+ years

**Sources:** None

**Recodes:** None

**Keywords:** access; source; doctor visit; office visit

**Notes:** None

**Total number of office visits, past 12 m**

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<th>Value</th>
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<td>97</td>
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<td>98</td>
<td>Not ascertained</td>
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<td>99</td>
<td>Don't know</td>
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</tbody>
</table>
**2016 NATIONAL HEALTH INTERVIEW SURVEY**
**Sample Adult**
samadult : Adult Access to Health Care & Utilization
**PUBLIC USE**
Document Version Date: 13-Jun-17

**Question ID:** AAU.290_00.000  
**Instrument Variable Name:** ASRGYR  
**Final Documentation Name:** ASRGYR

**DURING THE PAST 12 MONTHS, have you had SURGERY or other surgical procedures either as an inpatient or outpatient?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; surgery; surgical care; operation

**Notes:** The data in this field may represent an undercount because the respondents may not have included all types of minor surgical procedures such as setting bones or removal of growths in their response.

| Surgery/surgical procedure, past 12 m |
|---|---|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

**Question ID:** AAU.300_00.000  
**R01 RECODE**

**Instrument Variable Name:** ASRGNOYR  
**Final Documentation Name:** ASRGNOYP

**Including any times you may have already told me about, HOW MANY DIFFERENT TIMES have you had surgery during the PAST 12 MONTHS?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ASRGYR = '1'

**Description:** Sample adults aged 18+ years who had surgery or surgical procedures during past 12 months

**Sources:** ASRGNOYR  
**Recodes:** None  
**Keywords:** access; source; surgery; surgical care; operation; outpatient; inpatient

**Notes:** Top-coded for the Public Use file.

| # of surgeries, past 12 m |
|---|---|
| 01-06 | 1-6 times |
| 07 | 7+ times |
| 97 | Refused |
| 98 | Not ascertained |
| 99 | Don't know |
About how long has it been since you last saw or talked to a doctor or other health care professional about your own health? Include doctors seen while a patient in a hospital.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Sources: None

Keywords: access; source; dr. visit/contact; medical advice; health care provider

Notes: None

Time since last seen/talked to health professional

0     Never
1     6 months or less
2     More than 6 mos, but not more than 1 yr ago
3     More than 1 yr, but not more than 2 yrs ago
4     More than 2 yrs, but not more than 5 yrs ago
5     More than 5 years ago
7     Refused
8     Not ascertained
9     Don't know
DURING THE PAST 12 MONTHS, have you ever used computers for any of the following

...Look up health information on the Internet

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))
Description: Sample adults aged 18+ years
Sources: None
Recodes: None
Keywords: access; source; HIT; health topics
Notes: 2011 Supplement question. In 2009, the dimension of health information technology concerning "looking up health information on the Internet" was asked with two questions (HIT1 and HIT2). However in 2011, this dimension was only asked about use "in the past 12 months" and the variable name was changed to reflect this modification.

| 1 | Yes |
| 2 | No  |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

DURING THE PAST 12 MONTHS, have you ever used computers for any of the following

...Fill a prescription

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))
Description: Sample adults aged 18+ years
Sources: None
Recodes: None
Keywords: access; resource; HIT; prescription; medication
Notes: 2011 Supplement question. In 2009, the dimension of health information technology concerning "filling a prescription on the Internet" was asked with two questions (HIT5 and HIT6). However in 2011, this dimension was only asked about use "in the past 12 months" and the variable name was changed to reflect this modification.

| 1 | Yes |
| 2 | No  |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
Question ID: AAU.309_00.030  
Instrument Variable Name: HIT3A  
Final Documentation Name: HIT3A

DURING THE PAST 12 MONTHS, have you ever used computers for any of the following

…Schedule an appointment with a health care provider

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))
Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; HIT; visit, doctor, nurse; dentist
Notes: 2011 Supplement question. In 2009, the dimension of health information technology concerning "scheduling an appointment with a health care provider on the Internet" was asked with two questions (HIT7 and HIT8). However in 2011, this dimension was only asked about use "in the past 12 months" and the variable name was changed to reflect this modification.

Scheduled medical appointment on Internet, past 12 m

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<td>2</td>
<td>No</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
<td>Don't know</td>
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</table>

Question ID: AAU.309_00.040  
Instrument Variable Name: HIT4A  
Final Documentation Name: HIT4A

DURING THE PAST 12 MONTHS, have you ever used computers for any of the following

…Communicate with a health care provider by email

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))
Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; HIT; doctor; nurse; dentist
Notes: 2011 Supplement question. In 2009, the dimension of health information technology concerning "communicating with a health care provider by email on the Internet" was asked with two questions (HIT9 and HIT10). However in 2011, this dimension was only asked about use "in the past 12 months" and the variable name was changed to reflect this modification.

Communicated with health care provider by email, past 12 m

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<td>No</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
DURING THE PAST 12 MONTHS, have you ever used computers for any of the following

...Use online chat groups to learn about health topics

<table>
<thead>
<tr>
<th>Used chat groups to learn about health topics, past 12 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>2</td>
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DURING THE PAST 12 MONTHS, have you had a flu vaccination? A flu vaccination is usually given in the fall and protects against influenza for the flu season.

<table>
<thead>
<tr>
<th>Flu vaccination, past 12 m</th>
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<tbody>
<tr>
<td>1</td>
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<td>9</td>
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</tbody>
</table>
Question ID: AAU.311_00.000

Was this a shot, or was it a vaccine sprayed in the nose?

* Read if necessary: A flu shot is injected in the arm.

*Read if necessary: The flu nasal spray is called FluMist™

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and FLUVACYR='1'

Description: Sample adults 18+ who have received a flu vaccination in the past 12 months

Sources: None

Recodes: None

Keywords: access; source; flu; flu shot; flu nasal spray; flumist; flu vaccination; influenza

Notes: In 2016, 4 new flu vaccination questions replaced the 6 flu vaccination questions asked in 2015 and earlier.

Administration method of most recent flu vaccine

1  Flu shot
2  Flu nasal spray (spray, mist or drop in nose)
7  Refused
8  Not ascertained
9  Don't know
Question ID: AAU.312_01.000

During what month and year did you receive your most recent flu vaccination?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and FLUVACYR= '1'

Description: Sample adults 18+ who have received a flu vaccination in the past 12 months

Sources: None

Recodes: None

Keywords: access; source; flu; flu shot; flu nasal spray; flumist; flu vaccination; influenza

Notes: In 2016, 4 new flu vaccination questions replaced the 6 flu vaccination questions asked in 2015 and earlier.

Month of most recent flu vaccine

01 January
02 February
03 March
04 April
05 May
06 June
07 July
08 August
09 September
10 October
11 November
12 December
97 Refused
98 Not ascertained
99 Don't know
2016 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult: Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 13-Jun-17

Question ID: AAU.312_02.000
Instrument Variable Name: FLUVAC_Y
Final Documentation Name: FLUVAC_Y

2 of 2

*Enter year of most recent flu vaccination.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and FLUVAC_M ('01'-'12', '99')
Description: Sample adults 18+ who gave a month for their last flu vaccination or who didn't know the month

Sources: None
Recodes: None
Keywords: access; source; flu; flu shot; flu nasal spray; flumist; flu vaccination; influenza
Notes: In 2016, 4 new flu vaccination questions replaced the 6 flu vaccination questions asked in 2015 and earlier.

Year of most recent flu vaccine

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<thead>
<tr>
<th>Year</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9997</td>
<td>Refused</td>
</tr>
<tr>
<td>9998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9999</td>
<td>Don't know</td>
</tr>
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Question ID: AAU.313_00.000
Instrument Variable Name: FLUSHPG1
Final Documentation Name: FLUSHPG1

Did you get a flu shot before or during your current pregnancy?

Universe: ASTATFLG = '1' and ('018' <= AGE <= '049') and SEX = '2' and FLUVACTP =1' and PREGNOW =1' and INTV_MON IN ('01','02','03','08','09','10','11','12')
Description: Female sample adults 18-49 who received a flu shot in the past 12 months and are currently pregnant (interviewed January-March or August-December)

Sources: None
Recodes: None
Keywords: access; source; flu; flu shot; flu vaccine; influenza; pregnant
Notes: 2012 Supplement question

Flu shot before/during current pregnancy, interviewed Jan-Mar or Aug-Dec, 2016

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<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>Before this pregnancy</td>
</tr>
<tr>
<td>2</td>
<td>During this pregnancy</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
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</tbody>
</table>
Question ID: AAU.314_00.000

Instrument Variable Name: FLUSHPG2

Final Documentation Name: FLUSHPG2

[If interviewed Jan-Mar (curr year)] Earlier you said you were pregnant sometime since August 1 (last year). Did you get a flu shot before, during or after this pregnancy?

[If interviewed Apr-July (curr year)] Earlier you said you were pregnant sometime between August (last year) and March (curr year). Did you get a flu shot before, during or after this pregnancy?

[If interviewed Aug-Dec (curr year)] Earlier you said you were pregnant sometime since August 1 (curr year). Did you get a flu shot before, during or after this pregnancy?

Universe: ASTATFLG = '1' and ('018' <= AGE <= '049') and SEX = '2' and FLUVACTP = '1' and (PREGFLYR = '1')

Description: Female sample adults 18-49 who received a flu shot in the past 12 months and who are currently pregnant (interviewed April-July) and were pregnant during any time August (last year) through March (curr year); and female sample adults 18-49 who received a flu shot in the past 12 months who are not currently pregnant (interviewed January-July (curr year)) and who were pregnant during any time since August (last year); and female sample adults 18-49 who received a flu shot in the past who were not currently pregnant (interviewed August-December (curr year)) but who were pregnant from any time since August 1 (curr year).

Sources: None

Recodes: None

Keywords: access; source; flu; flu shot; flu vaccine; influenza; pregnant

Notes: 2012 Supplement question

Flu shot before/during/after a pregnancy

1   Before this pregnancy
2   During this pregnancy
3   After this pregnancy
7   Refused
8   Not ascertained
9   Don't know
Question ID: AAU.320_00.000  
Instrument Variable Name: SHTPNUYR  
Final Documentation Name: SHTPNUYR

Have you EVER had a pneumonia shot? This shot is usually given only once or twice in a person's lifetime and is different from the flu shot. It is also called the pneumococcal vaccine.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Pneumonia shot (EVER)

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<td>1</td>
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<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
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</table>

Question ID: AAU.330_00.000  
Instrument Variable Name: APOX  
Final Documentation Name: APOX

Have you EVER had chickenpox?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Ever had chickenpox

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</table>
Question ID: AAU.340_00.000
Instrument Variable Name: APOX12MO
Final Documentation Name: APOX12MO

Have you had chickenpox in the PAST 12 MONTHS?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and APOX = '1'
Description: Sample adults aged 18+ years who have ever had chickenpox

Sources: None
Recodes: None
Keywords: access; source; chickenpox; varicella
Notes: None

Chickenpox, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Question ID: AAU.350_00.000
Instrument Variable Name: AHEP
Final Documentation Name: AHEP

Have you EVER had hepatitis?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; hepatitis; liver
Notes: None

Ever had hepatitis

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
### Have you ever lived with someone who had hepatitis?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AHEP NE '1'

**Description:** Sample adults aged 18+ years who have never had hepatitis; Ref/NA/DK if ever had hepatitis

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<th>Description</th>
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<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
<td>Don't know</td>
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</table>

### Have you ever had a blood test for hepatitis B?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults 18+

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<tr>
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<td>7</td>
<td>Refused</td>
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<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
<td>Don't know</td>
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</tbody>
</table>
### Question ID: AAU.370_00.000  
#### Instrument Variable Name: SHTHEPB  
#### Final Documentation Name: SHTHEPB

**Have you EVER received the hepatitis B vaccine?** [This is given in three separate doses and has been available since 1991. It is recommended for newborn infants, adolescents, and people such as health care workers, who may be exposed to the hepatitis B virus.]

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:**  
Sample adults aged 18+ years

**Sources:**  
None

**Recodes:**  
None

**Keywords:**  
access; source; hepatitis B; vaccine; liver

**Notes:**  
None

**Test:**  
Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

#### Hepatitis B vaccine (EVER)

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<td>Don't know</td>
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### Question ID: AAU.380_00.000  
#### Instrument Variable Name: SHEPDOS  
#### Final Documentation Name: SHEPDOS

**Did you receive at least 3 doses of the hepatitis B vaccine, or less than 3 doses?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and SHTHEPB = '1'

**Description:**  
Sample adults aged 18+ years who have received the Hepatitis B vaccine

**Sources:**  
None

**Recodes:**  
None

**Keywords:**  
access; source; hepatitis B; vaccine; liver

**Notes:**  
None

#### # doses of hepatitis B vaccine received

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<tr>
<td>1</td>
<td>Received at least 3 doses</td>
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<td>2</td>
<td>Received less than 3 doses</td>
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<td>7</td>
<td>Refused</td>
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<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
<td>Don't know</td>
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</table>
The hepatitis A vaccine is given as a two dose series routinely to some children starting at 1 year of age, and to some adults and people who travel outside the United States. Although it can be given as a combination vaccine with hepatitis B, it is different from the hepatitis B shot, and has only been available since 1995. Have you EVER received the hepatitis A vaccine?

Question ID: AAU.390_00.010  Instrument Variable Name: SHTHEPA
Final Documentation Name: SHTHEPA

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; hepatitis A; vaccine; liver
Notes: 2008 Supplement question

Hepatitis A vaccine (EVER)

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<td>Don't know</td>
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Question ID: AAU.400_00.010  Instrument Variable Name: SHEPANUM
Final Documentation Name: SHEPANUM

How many hepatitis A shots did you receive?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and SHTHEPA = '1'
Description: Sample adults aged 18+ years who have had a hepatitis A vaccine

Sources: None
Recodes: None
Keywords: access; source; hepatitis A; vaccine; liver
Notes: 2008 Supplement question

# shots of hepatitis A vaccine received

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<tr>
<td>01-95</td>
<td>01-95 shots</td>
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<tr>
<td>96</td>
<td>Received all shots</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
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<tr>
<td>99</td>
<td>Don't know</td>
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</tbody>
</table>
Have you ever had a blood test for hepatitis C?

Universe: \( \text{ASTATFLG} = '1' \text{ and } (\text{AGE} \geq '018' \text{ and } \text{AGE} \text{ not IN } ('997','999')) \)

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: access; source; hepatitis C; blood test; liver

Notes: 2013 Supplement question

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<th>Ever had a blood test for hepatitis C</th>
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What is the MAIN reason you were tested for hepatitis C? Was it because...

*Read answer categories below.

Universe: \( \text{ASTATFLG} = '1' \text{ and } (\text{AGE} \geq '018' \text{ and } \text{AGE} \text{ not IN } ('997','999')) \text{ and } \text{AHEPCTST}='1' \)

Description: Sample adults 18+ who have had a blood test for hepatitis C

Sources: None

Recodes: None

Keywords: access; source; hepatitis C; test; liver

Notes: 2013 Supplement question

Main reason tested for Hepatitis C

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<th>Main reason tested for Hepatitis C</th>
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Shingles is an outbreak of a rash or blisters on the skin that may be associated with severe pain. The pain is generally on one side of the body or face. Shingles is caused by the chickenpox virus. A vaccine for shingles has been available since May 2006. Have you ever had the Zoster (ZOSS-ter) or Shingles vaccine, also called Zostavax®?

**Universe:**  
ASTATFLG = '1' and (AGE GE '050' and AGE not IN ('997','999'))

**Description:** Sample adults aged 50+ years

**Sources:** None

**Recodes:** None

**Keywords:** access; source; shingles, herpes zoster, chicken pox, rash

**Notes:** 2008 Supplement question

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

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<td>2</td>
<td>No</td>
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<td>7</td>
<td>Refused</td>
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<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
<td>Don't know</td>
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**Question ID:** AAU.420_00.010  
**Instrument Variable Name:** SHTTD  
**Final Documentation Name:** SHTTD

**Have you received a tetanus shot in the past 10 years?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** None

**Keywords:** access; source; vaccine, tetanus, Td; Tdap

**Notes:** 2008 Supplement question

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

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<td>2</td>
<td>No</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
<td>Don't know</td>
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2016 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 13-Jun-17

Question ID: AAU.430_00.010
Instrument Variable Name: SHTTD05
Final Documentation Name: SHTTD05

Was your most recent tetanus shot given in 2005 or later?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and SHTTD = '1'
Description: Sample adults aged 18+ years who have had a tetanus shot in the past 10 years

Sources: None
Recodes: None
Keywords: access; source; vaccine, tetanus; Td; Tdap
Notes: 2008 Supplement question

Tetanus shot given in 2005 or later
1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know

Question ID: AAU.440_00.010
Instrument Variable Name: SHTTDAP
Final Documentation Name: SHTTDAP2

There are currently two types of tetanus shots available today. One is the Td or tetanus-diphtheria vaccine and the other is called Tdap or ADACEL™ or BOOSTRIX™. They are similar except the Tdap shot also includes a pertussis (per-tuH-sis) or whooping cough vaccine. Thinking back to your most recent tetanus shot, did the health care provider tell you or did the vaccine information sheet say the vaccine included the pertussis or whooping cough vaccine? The shot is often called Tdap or ADACEL™ or BOOSTRIX™.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and SHTTD05 IN ('1','7')
Description: Sample adults aged 18+ years who have had a tetanus shot in 2005 or beyond or refused to say if they had a tetanus shot in 2005 or beyond

Sources: None
Recodes: None
Keywords: access; source; vaccine, pertussis, whooping cough, Td; Tdap, ADACEL
Notes: 2008 Supplement question. In 2012, the variable name changed from SHTTDAP to SHTTDAP2. See the 2012 Variable Layout for more information.

Vaccine included pertussis/whooping cough
1  Yes-included pertussis
2  No-did not include pertussis
3  Doctor did not say
7  Refused
8  Not ascertained
9  Don't know
Have you ever received an HPV shot or vaccine?

*HPV stands for human papillomavirus (pap-uh-LOW-muh-vi-rus).

*The vaccines are sometimes called CERVARIX (trademark) or GARDASIL (trademark).

Universe: ASTATFLG = '1' and ('018' <= AGE <= '064' and AGE not IN ('997','999'))

Description: Sample adults aged 18-64 years

Sources: None

Recodes: None

Keywords: HPV; shot; vaccine; human papillomavirus; CERVARIX; GARDASIL

Notes: In 2010, this variable was located in the Cancer Screening Section (NAF) of the Sample Adult Cancer file. In 2012, it was moved to this section and the variable name changed from SHTHPV1 to SHTHPV2. See the 2012 Variable Layout for more information.

Ever received HPV shot/vaccine

1 Yes
2 No
3 Doctor refused when asked
7 Refused
8 Not ascertained
9 Don't know

How many HPV shots did you receive?

Universe: ASTATFLG = '1' and ('018' <= AGE <= '064' and AGE not IN ('997','999')) and SHTHPV2='1'

Description: Sample adults aged 18-64 years who received an HPV shot

Sources: None

Recodes: None

Keywords: HPV; shot; vaccine; human papillomavirus; CERVARIX; GARDASIL

Notes: In 2010, this variable was located in the Cancer Screening Section (NAF) on the Sample Adult Cancer file. See the 2012 Variable Layout for more information.

Number of HPV shots received

01-49 1-49 shots
50 50+ shots
96 All shots
97 Refused
98 Not ascertained
99 Don't know
### How old were you when you received your first HPV shot?

**Universe:** 
ASTATFLG = '1' and (018' <= AGE <= '064' and AGE not IN (997,999)) and SHTHPV2='1'

**Description:** Sample adults aged 18-64 years who received an HPV shot

**Sources:** None

**Recodes:** None

**Keywords:** HPV; shot; vaccine; human papillomavirus; CERVARIX; GARDASIL

**Notes:** 2013 supplement question

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<tr>
<th>Age at first HPV shot</th>
<th>008-064</th>
<th>8-64 years</th>
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<tbody>
<tr>
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<tr>
<td>998</td>
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<tr>
<td>999</td>
<td>Don't know</td>
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</table>

### Has a doctor or other health professional ever told you that you had any kind of chronic, or long-term liver condition?

**Universe:** 
ASTATFLG = '1' and (AGE GE '018' and AGE not IN (997,999))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** None

**Keywords:** access; source; liver

**Notes:** 2008 Supplement question

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<th>Ever told you had any kind of chronic/long-term liver condition</th>
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<td></td>
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<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
<td>Don't know</td>
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</tbody>
</table>
### Have you ever traveled outside of the United States to countries other than Europe, Japan, Australia, New Zealand or Canada, since 1995?

**Question ID:** AAU.460_00.010  
**Instrument Variable Name:** TRAVEL  
**Final Documentation Name:** TRAVEL

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<td>Not ascertained</td>
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<td>Don't know</td>
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</table>

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))  
**Description:** Sample adults aged 18+ years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; travel  
**Notes:** 2008 Supplement question  
**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

### Work or volunteer in a health care setting

**Question ID:** AAU.465_00.010  
**Instrument Variable Name:** WRKHLTH  
**Final Documentation Name:** WRKHLTH2

**Do you currently volunteer or work in a hospital, medical clinic, doctor's office, dentist's office, nursing home or some other health-care facility? This includes emergency responders and public safety personnel, part-time and unpaid work in a health care facility as well as professional nursing care provided in the home. [This includes non-health care professionals, such as administrative staff, who work in a health-care facility.]**

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<tr>
<th>Code</th>
<th>Description</th>
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<td>Not ascertained</td>
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<td>Don't know</td>
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**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))  
**Description:** Sample adults aged 18+ years

**Sources:** None  
**Recodes:** None  
**Keywords:** healthcare facility; home care; work; volunteer; emergency responder; safety personnel  
**Notes:** 2009 Supplement question. In 2012, the variable name changed from WRKHLTH to WRKHLTH2. See the 2012 Variable Layout for more information.
Do you provide direct patient care as part of your routine work? By direct patient care we MEAN PHYSICAL OR HANDS ON CONTACT WITH PATIENTS.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and WRKHLTH2 = '1'

Description: Sample adults aged 18+ years who work or volunteer in a health-care setting

Sources: None
Recodes: None
Keywords: health care facility; home care; patient contact; work; volunteer; emergency responder; safety personnel
Notes: 2009 Supplement question

Blood pressure checked by doctor/nurse/health professional, past 12 m

Sources: None
Recodes: None
Keywords: access; source; hypertension; HBP
Notes: 2011 Supplement question. In 2014, APSBPCH1 replaced APSBPCHK due to a modification to the universe and new “fill instructions”. Both variables were included on the in-house file but only APSBPCH1 was included on the Public Use file. In 2015, the “fill instructions” were deleted and the universe changed back to the universe used from 2011 through 2013. Therefore, for 2015 and 2016, the variable APSBPCHK has replaced APSBPCH1 and is comparable to the variable of the same name shown in 2011 through 2013. See the 2014 Variable Layout for more information.
2016 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 13-Jun-17

Question ID: AAU.510_00.010
Instrument Variable Name: APSCHCHK
Final Documentation Name: APSCHCHK

DURING THE PAST 12 MONTHS, have you had your blood cholesterol checked by a doctor, nurse, or other health professional?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))
Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; lipid
Notes: 2011 Supplement question. In 2014, APSCHCH1 replaced APSCHCHK due to a modification to the universe and new “fill instructions”. Both variables were included on the in-house file but only APSCHCH1 was included on the Public Use file. In 2015, the “fill instructions” were deleted and the universe changed back to the universe used from 2011 through 2013. Therefore, for 2015 and 2016, the variable APSCHCHK has replaced APSCHCH1 and is comparable to the variable of the same name shown in 2011 through 2013. See the 2014 Variable Layout for more information.

Cholesterol checked by doctor/nurse/health professional, past 12 m

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<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Have you had a fasting test for high blood sugar or diabetes DURING THE PAST 12 MONTHS?

Fasting test for high blood sugar/diabetes, past 12 m

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know

Have you had a Pap smear or Pap test DURING THE PAST 12 MONTHS?

A Pap smear or Pap test is a routine test for women in which the doctor examines the cervix, takes a cell sample from the cervix with a small stick or brush, and sends it to the lab.

Pap smear/test, past 12 m

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
Have you had a Mammogram DURING THE PAST 12 MONTHS?

[A mammogram is an x-ray of each breast to look for breast cancer.]

Universe: ASTATFLG = '1' and (AGE GE '030' and AGE not IN ('997','999')) and SEX='2'

Description: Female sample adults aged 30+ years

Sources: None
Recodes: None
Keywords: access; source; mammogram; mammography
Notes: 2011 Supplement question

Mammogram, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

DURING THE PAST 12 MONTHS, have you had any test done for colon cancer?

[Colon cancer tests include blood stool tests, colonoscopy and sigmoidoscopy. A blood stool test is a test that may use a special kit at home to determine whether the stool contains blood. A sigmoidoscopy and colonoscopy are exams in which a tube is inserted in the rectum to view the colon for signs of cancer or other health problems.]

Universe: ASTATFLG = '1' and (AGE GE '040' and AGE not IN ('997','999'))

Description: Sample adults aged 40+ years

Sources: None
Recodes: None
Keywords: access; source; colonoscopy; sigmoidoscopy; stool test; occult test
Notes: 2011 Supplement question

Test for colon cancer, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Question ID: AAU.560_00.010
Instrument Variable Name: APSDIET
Final Documentation Name: APSDIET

**DURING THE PAST 12 MONTHS, has a doctor or other health professional talked to you about your diet?**

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))
Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; diet
Notes: 2011 Supplement question

Doctor/health professional talked to you about diet, past 12 m

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know

Question ID: AAU.570_00.010
Instrument Variable Name: APSSMKC
Final Documentation Name: APSSMKC

**DURING THE PAST 12 MONTHS, has a doctor or other health professional talked to you about your smoking?**

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and SMKNOW IN('1','2')
Description: Sample adults aged 18+ years who currently smoke every day or some days

Sources: None
Recodes: None
Keywords: access; source; smoke; smoking; cigarettes; tobacco
Notes: 2011 Supplement question

Doctor/health professional talked to you about smoking, past 12 m

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
2016 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 13-Jun-17

Question ID: AAU.600_00.010
Instrument Variable Name: AINDINS
Final Documentation Name: AINDINS2

DURING THE PAST 3 YEARS, did you try to purchase health insurance directly, that is, not through any employer, union, or government program? Please include insurance you tried to purchase through Healthcare.gov or the [Fill1: Health Insurance Marketplace/Fill2: Health Insurance Marketplace, such as (fill: state exchange name)].

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))
Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; health insurance; health care coverage; health plan
Notes: 2011 Supplement question. In 2015, the question text was modified and “fill instructions” were added. The variable name changed from AINDINS to AINDINS2.

Tried to purchase health insurance directly, past 3 yrs

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don’t know</td>
</tr>
</tbody>
</table>

Question ID: AAU.600_00.020
Instrument Variable Name: AINDPRCH
Final Documentation Name: AINDPRCH

Was a plan purchased?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AINDINS2='1'
Description: Sample adults aged 18+ years who tried to purchase health insurance directly in the past 3 years

Sources: None
Recodes: None
Keywords: access; source; health insurance, health care coverage; health plan
Notes: 2011 Supplement question

Purchased health insurance directly, past 3 yrs

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don’t know</td>
</tr>
</tbody>
</table>
### Question ID: AAU.600_00.030

**Was this plan for yourself, someone else in your family, or both?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AINDPRCH='1'

**Description:** Sample adults aged 18+ years who purchased health insurance directly in the past 3 years

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Self</td>
</tr>
<tr>
<td>2</td>
<td>Someone else in family</td>
</tr>
<tr>
<td>3</td>
<td>Both</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don’t know</td>
</tr>
</tbody>
</table>

---

### Question ID: AAU.600_00.040

**How difficult was it to find a plan with the type of coverage you needed? Would you say...**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AINDPRCH='1'

**Description:** Sample adults aged 18+ years who purchased health insurance directly in the past 3 years

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Very difficult</td>
</tr>
<tr>
<td>2</td>
<td>Somewhat difficult</td>
</tr>
<tr>
<td>3</td>
<td>Not at all difficult</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don’t know</td>
</tr>
</tbody>
</table>
How difficult was it to find a plan you could afford? Would you say…

**Question ID:** AAU.600_00.050  
**Instrument Variable Name:** AINDDIF2  
**Final Documentation Name:** AINDDIF2

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AINDPRCH='1'

**Description:**  
Sample adults aged 18+ years who purchased health insurance directly in the past 3 years

**Sources:**  
None

**Recodes:**  
None

**Keywords:**  
access; source; health insurance; health care coverage; health plan

**Notes:**  
2011 Supplement question

---

**Question ID:** AAU.605_00.010  
**Instrument Variable Name:** AEXCHNG  
**Final Documentation Name:** AEXCHNG

**Have you looked into purchasing health insurance coverage through the [Fill: Health Insurance Marketplace/Health Insurance Marketplace, such as [fill: state exchange name]]?**

**Universe:**  
ASTATFLG = '1' and ('018' <=AGE<='064' and AGE not IN ('997','999'))

**Description:**  
Sample adults aged 18-64 years

**Sources:**  
None

**Recodes:**  
None

**Keywords:**  
access; source; health care coverage; health plan; health insurance marketplace

**Notes:**  
2013 Supplement question. Fielded in Q4 only. For 2014 and beyond, fielded in all four quarters. See the 2013 Variable Layout for more information.

---

**Looked into purchasing health insurance through Healthcare.gov or Marketplace**

1  Yes  
2  No  
7  Refused  
8  Not ascertained  
9  Don't know
These questions are about you and your neighborhood.

How often do you use a computer?

<table>
<thead>
<tr>
<th>How often do you use a computer</th>
<th>1</th>
<th>Never or almost never</th>
<th>2</th>
<th>Some days</th>
<th>3</th>
<th>Most days</th>
<th>4</th>
<th>Every day</th>
<th>7</th>
<th>Refused</th>
<th>8</th>
<th>Not ascertained</th>
<th>9</th>
<th>Don't know</th>
</tr>
</thead>
</table>

In general, how satisfied are you with the health care you received in the past 12 months?

<table>
<thead>
<tr>
<th>How satisfied with health care, past 12 mo</th>
<th>1</th>
<th>Very satisfied</th>
<th>2</th>
<th>Somewhat satisfied</th>
<th>3</th>
<th>Somewhat dissatisfied</th>
<th>4</th>
<th>Very dissatisfied</th>
<th>5</th>
<th>You haven't had health care in the past 12 months</th>
<th>7</th>
<th>Refused</th>
<th>8</th>
<th>Not ascertained</th>
<th>9</th>
<th>Don't know</th>
</tr>
</thead>
</table>
About how long have you lived in your present neighborhood?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: neighborhood; tenure
Notes: None

Length of time living in neighborhood

1  Less than 1 year
2  1-3 years
3  4-10 years
4  11-20 years
5  More than 20 years
7  Refused
8  Not ascertained
9  Don't know
How much do you agree or disagree with the following statements about your neighborhood?

People in this neighborhood help each other out.

Would you say...

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: residence; neighborhood; neighborhood attachment

Notes: None

Agree/disagree...people in neighborhood help each other

1 Definitely agree
2 Somewhat agree
3 Somewhat disagree
4 Definitely disagree
7 Refused
8 Not ascertained
9 Don't know
How much do you agree or disagree with the following statements about your neighborhood?

There are people I can count on in this neighborhood.

Would you say…

Agree/disagree…people I count on in neighborhood

1  Definitely agree
2  Somewhat agree
3  Somewhat disagree
4  Definitely disagree
7  Refused
8  Not ascertained
9  Don't know
Question ID: ASI.180_00.000
Instrument Variable Name: ACINTRU
Final Documentation Name: ASINSTRU

How much do you agree or disagree with the following statements about your neighborhood?

People in this neighborhood can be trusted.

Would you say...

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: residence; neighborhood; neighborhood attachment
Notes: None

Agree/disagree...people in neighborhood can be trusted

1  Definitely agree
2  Somewhat agree
3  Somewhat disagree
4  Definitely disagree
7  Refused
8  Not ascertained
9  Don't know
**Question ID:** ASI.190_00.000  
**Instrument Variable Name:** ACINKNT  
**Final Documentation Name:** ASINKNT

How much do you agree or disagree with the following statements about your neighborhood?

This is a close-knit neighborhood.

Would you say…

<table>
<thead>
<tr>
<th>Agree/disagree…close-knit neighborhood</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Definitely agree</td>
</tr>
<tr>
<td>2</td>
<td>Somewhat agree</td>
</tr>
<tr>
<td>3</td>
<td>Somewhat disagree</td>
</tr>
<tr>
<td>4</td>
<td>Definitely disagree</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**Question ID:** ASI.220_00.000  
**Instrument Variable Name:** ACISIM  
**Final Documentation Name:** ASISIM

Which of the following best represents how you think of yourself?

<table>
<thead>
<tr>
<th>How you think of yourself (sexual orientation; male)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Gay</td>
</tr>
<tr>
<td>2</td>
<td>Straight, that is, not gay</td>
</tr>
<tr>
<td>3</td>
<td>Bisexual</td>
</tr>
<tr>
<td>4</td>
<td>Something else</td>
</tr>
<tr>
<td>5</td>
<td>I don't know the answer</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
</tbody>
</table>
Which of the following best represents how you think of yourself?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and SEX='2'

**Description:** Female sample adults 18+

**Sources:** None

**Recodes:** None

**Keywords:** Sexual orientation

**Notes:** None

**Test:** Find testing evaluation report at https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx

How do you think of yourself (sexual orientation; female)

1. Lesbian or gay
2. Straight, that is, not lesbian or gay
3. Bisexual
4. Something else
5. I don't know the answer
6. Refused
7. Not ascertained

---

**Question ID:** ASL260_00.000

**Instrument Variable Name:** ACIRETR

**Final Documentation Name:** ASIRETR

The next questions ask how worried you are right now about financial matters.

How worried are you right now about not having enough money for retirement? Are you...

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults 18+

**Sources:** None

**Recodes:** None

**Keywords:** worry; finance; retirement

**Notes:** None

How worried are you about...money for retirement

1. Very worried
2. Moderately worried
3. Not too worried
4. Not worried at all
5. Refused
6. Not ascertained
7. Don't know
Question ID: ASI.270_00.000
Instrument Variable Name: ACIMEDC
Final Documentation Name: ASIMEDC

How worried are you right now about not being able to pay medical costs of a serious illness or accident? Are you…

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))
Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: worry; finance; medical cost
Notes: None

How worried are you about…medical costs of illness/accident

1 Very worried
2 Moderately worried
3 Not too worried
4 Not worried at all
7 Refused
8 Not ascertained
9 Don't know

Question ID: ASI.280_00.000
Instrument Variable Name: ACISTLV
Final Documentation Name: ASISTLV

How worried are you right now about not being able to maintain the standard of living you enjoy? Are you…

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))
Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: worry; finance; standard of living
Notes: None

How worried are you about…maintaining standard of living

1 Very worried
2 Moderately worried
3 Not too worried
4 Not worried at all
7 Refused
8 Not ascertained
9 Don't know
Question ID: ASL290_00.000
Instrument Variable Name: ACICNHC
Final Documentation Name: ASICNHC

How worried are you right now about not being able to pay medical costs for normal healthcare? Are you…

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults 18+

How worried are you about…medical costs of healthcare

1 Very worried
2 Moderately worried
3 Not too worried
4 Not worried at all
7 Refused
8 Not ascertained
9 Don't know

Question ID: ASL300_00.000
Instrument Variable Name: ACICCOLL
Final Documentation Name: ASICCOLL

How worried are you right now about not having enough money to pay for your children's college? Are you…

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults 18+

How worried are you about…paying for children's college

1 Very worried
2 Moderately worried
3 Not too worried
4 Not worried at all
5 This does not apply to me
7 Refused
8 Not ascertained
9 Don't know
How worried are you right now about not having enough to pay your normal monthly bills? Are you…

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))

Description: Sample adults 18+

How worried are you about…paying monthly bills

1   Very worried
2   Moderately worried
3   Not too worried
4   Not worried at all
7   Refused
8   Not ascertained
9   Don't know

How worried are you right now about not being able to pay your rent, mortgage, or other housing costs? Are you…

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))

Description: Sample adults 18+

How worried are you about…paying rent/mortgage/housing costs

1   Very worried
2   Moderately worried
3   Not too worried
4   Not worried at all
7   Refused
8   Not ascertained
9   Don't know
How worried are you right now about not being able to make the minimum payments on your credit cards? Are you...

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults 18+

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Very worried</td>
</tr>
<tr>
<td>2</td>
<td>Moderately worried</td>
</tr>
<tr>
<td>3</td>
<td>Not too worried</td>
</tr>
<tr>
<td>4</td>
<td>Not worried at all</td>
</tr>
<tr>
<td>5</td>
<td>I don't have credit cards</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

On average, how many hours of sleep do you get in a 24-hour period?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults 18+

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-24</td>
<td>1-24 hours</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

How worried are you about...credit card payments

On average, how many hours of sleep do you get in a 24-hour period?

This variable appeared in 2004-2012 in the Adult Health Behaviors Section (AHB) on the Sample Adult file (SLEEP, AHB.210_00.000).
In the past week, how many times did you have trouble falling asleep?

Universe: \( ASTATFLG = '1' \) and \( \text{AGE} \geq '018' \) and \( \text{AGE} \) not IN \( ('997','999') \)

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: sleep

Notes: None

# times having trouble falling asleep, past week

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Did not have trouble falling asleep in the past week</td>
</tr>
<tr>
<td>01-06</td>
<td>1-6 times</td>
</tr>
<tr>
<td>07</td>
<td>7 or more times</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

In the past week, how many times did you have trouble staying asleep?

Universe: \( ASTATFLG = '1' \) and \( \text{AGE} \geq '018' \) and \( \text{AGE} \) not IN \( ('997','999') \)

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: sleep

Notes: None

# times having trouble staying asleep, past week

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Did not have trouble staying asleep in the past week</td>
</tr>
<tr>
<td>01-06</td>
<td>1-6 times</td>
</tr>
<tr>
<td>07</td>
<td>7 or more times</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
In the past week, how many times did you take medication to help you fall asleep or stay asleep?

# times taking medication for sleep, past week

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Did not take medication to help sleep in the past week</td>
</tr>
<tr>
<td>01-06</td>
<td>1-6 times</td>
</tr>
<tr>
<td>07</td>
<td>7 or more times</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

In the past week, on how many days did you wake up feeling well rested?

Days woke up feeling rested, past week

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Never felt rested in the past week</td>
</tr>
<tr>
<td>01-07</td>
<td>1-7 days</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: ASL.390_01.000
Instrument Variable Name: ACISAD
Final Documentation Name: ASISAD

DURING THE PAST 30 DAYS, how often did you feel
...so sad that nothing could cheer you up?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults 18+
Sources: None
Recodes: None
Keywords: depression; sadness; feeling; mental health
Notes: This variable appeared in 1997-2012 in the Adult Conditions Section (ACN) on the Sample Adult file (SAD, ACN.471_01.000).

So sad nothing cheers you up, past 30 days
1 ALL of the time
2 MOST of the time
3 SOME of the time
4 A LITTLE of the time
5 NONE of the time
7 Refused
8 Not ascertained
9 Don't know
Question ID: ASI.390_02.000
Instrument Variable Name: ACINERV
Final Documentation Name: ASINERV

During the PAST 30 DAYS, how often did you feel

...nervous?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: nervous; feeling; mental health
Notes: This variable appeared in 1997-2012 in the Adult Conditions Section (ACN) on the Sample Adult file (NERVOUS, ACN.471_02.000).

How often felt nervous, past 30 days

1 ALL of the time
2 MOST of the time
3 SOME of the time
4 A LITTLE of the time
5 NONE of the time
7 Refused
8 Not ascertained
9 Don't know
During the PAST 30 DAYS, how often did you feel restless or fidgety?

Universe: \( \text{ASTATFLG} = '1' \text{ and } (\text{AGE} \geq '018' \text{ and } \text{AGE} \text{ not IN } (997,999)) \)

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: restless; fidgety; feeling mental health
Notes: This variable appeared in 1997-2012 in the Adult Conditions Section (ACN) on the Sample Adult file (RESTLESS, ACN.471_03.000)

How often restless/fidgety, past 30 days

1. ALL of the time
2. MOST of the time
3. SOME of the time
4. A LITTLE of the time
5. NONE of the time
7. Refused
8. Not ascertained
9. Don't know
During the PAST 30 DAYS, how often did you feel hopeless?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: depression; hopeless; feeling; mental health

Notes: This variable appeared in 1997-2012 in the Adult Conditions Section (ACN) on the Sample Adult file (HOPELESS, ACN.471_04.000)

How often felt hopeless, past 30 days

1 ALL of the time
2 MOST of the time
3 SOME of the time
4 A LITTLE of the time
5 NONE of the time
7 Refused
8 Not ascertained
9 Don't know
Question ID: ASL390_05.000
Instrument Variable Name: ACIEFFRT
Final Documentation Name: ASIEFFRT

During the PAST 30 DAYS, how often did you feel

...that everything was an effort?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: lack vitality; effort; feeling; mental health
Notes: This variable appeared in 1997-2012 in the Adult Conditions Section (ACN) on the Sample Adult file (EFFORT, ACN.471_05.000)

How often felt everything was an effort, past 30 days

1  ALL of the time
2  MOST of the time
3  SOME of the time
4  A LITTLE of the time
5  NONE of the time
7  Refused
8  Not ascertained
9  Don't know
During the PAST 30 DAYS, how often did you feel
...worthless?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: worthless; depressed; feelings; mental health

Notes: This variable appeared in 1997-2012 in the Adult Conditions Section (ACN) on the Sample Adult file (WORTHLS, ACN.471_06.000)

How often felt worthless, past 30 days

1  ALL of the time
2  MOST of the time
3  SOME of the time
4  A LITTLE of the time
5  NONE of the time
7  Refused
8  Not ascertained
9  Don't know
### Question ID: ASI.400_00.000

**Instrument Variable Name:** ACIMUCH

**Final Documentation Name:** ASIMUCH

We just talked about a number of feelings you had during the PAST 30 DAYS. Altogether, how MUCH did these feelings interfere with your life or activities: a lot, some, a little, or not at all?

**Universe:**

\[
\text{ASTATFLG} = '1' \text{ and } (\text{AGE GE '018'} \text{ and } \text{AGE not IN ('997','999')}) \text{ or } (\text{ASISAD IN('1','2','3')} \text{ or } \text{ASINERV IN('1','2','3')} \text{ or } \text{ASIRSTLS IN('1','2','3')} \text{ or } \text{ASIHOPLS IN('1','2','3')} \text{ or } \text{ASIEFFRT IN('1','2','3')} \text{ or } \text{ASIWTHLS IN('1','2','3')})
\]

**Description:** Sample adults 18+ who at least some of the time have felt sad, nervous, restless or fidgety, hopeless, that everything was an effort, or worthless, in the past 30 days

**Sources:** None

**Recodes:** None

**Keywords:** feelings; detrimental; mental health

**Notes:** This variable appeared in 1997-2012 in the Adult Conditions Section (ACN) on the Sample Adult file (MHAMTMO, ACN.530_00.000)

#### Feelings interfered w/ life, past 30 days

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>A lot</td>
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<tr>
<td>2</td>
<td>Some</td>
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<tr>
<td>3</td>
<td>A little</td>
</tr>
<tr>
<td>4</td>
<td>Not at all</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

### Question ID: ASI.405_00.000

**Instrument Variable Name:** ACIBLD12

**Final Documentation Name:** ACIBLD12

Now, I am going to ask about giving blood donations to a blood bank such as the American Red Cross.

**During the PAST 12 MONTHS, have you donated blood?**

**Universe:**

\[
\text{ASTATFLG} = '1' \text{ and } (\text{AGE GE '018'} \text{ and } \text{AGE not IN ('997','999')})
\]

**Description:** Sample adults 18+

**Sources:** None

**Recodes:** None

**Keywords:** blood; blood donation

**Notes:** This question appeared in the 2010 AIDS Knowledge & Attitudes (ADS) section on the Sample Adult file (BLDG12M), and it was asked to those who donated blood since 1985.

#### Donated blood, past 12 months

<table>
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<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
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<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
The next question is about the test for HIV, the virus that causes AIDS. Except for tests you may have had as part of blood donations, have you ever been tested for HIV?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: access; AIDS test; HIV test; blood test

Notes: 2013 permanent variable. In 2012, this variable was located in the Adult Access to Health Care & Utilization Section (AAU) on the Sample Adult file (HIVST1, AAU.700_00.000).


Ever been tested for HIV

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Question ID: ASI.420_00.000

Instrument Variable Name: ACIHIVWN

Final Documentation Name: ASIHIHVWN

I am going to show you a list of reasons why some people have not been tested for HIV (the virus that causes AIDS). Which one of these would you say is the MAIN reason why you have not been tested?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ASIHIHVTV='2'

Description: Sample adults 18+ who have never been tested for HIV

Sources: None

Recodes: None

Keywords: AIDS test; HIV test; blood test

Notes: This variable had appeared in 2001-2009 in the AIDS Knowledge & Attitudes Section (ADS) on the Sample Adult file (WHYTST_R, ADS.050_00.000).


Main reason not tested for HIV

01 It's unlikely you've been exposed to HIV
02 You were afraid to find out if you were HIV positive (that you had HIV)
03 You didn't want to think about HIV or about being HIV positive
04 You were worried your name would be reported to the government if you tested positive
05 You didn't know where to get tested
06 You don't like needles
07 You were afraid of losing job, insurance, housing, friends, family, if people knew you were positive for AIDS infection
08 Some other reason
09 No particular reason
97 Refused
98 Not ascertained
99 Don't know
These next questions are about dizziness or balance problems. Have you EVER had a problem with dizziness, lightheadedness, feeling as if you are going to pass out or faint, or with unsteadiness or feeling off-balance? Do not include times when drinking alcohol.

**Question ID:** BAL.010_00.000

**Instrument Variable Name:** BALEV

**Final Documentation Name:** BALEV

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults 18+

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

---

Ever had problem with dizziness, lightheadedness, passing out, feel faint

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<tr>
<td>7</td>
<td>Refused</td>
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<td>Don't know</td>
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</table>

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**Question ID:** BAL.020_00.000

**RECODE**

**Instrument Variable Name:** BALAGE

**Final Documentation Name:** BALAGE_P

At what age were you FIRST BOTHERED by dizziness, lightheadedness, feeling as if you are going to pass out or faint, or with unsteadiness or feeling off-balance? Do not include times when drinking alcohol.

*Do not include times when drinking alcohol.*

*Enter '996' if since birth.

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BALEV='1'

**Description:** Sample adults 18+ who have ever had a balance or dizziness problem

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

---

Age first had problem with dizziness, lightheadedness, passing out, etc.

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<tr>
<td>01-84</td>
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<td>85</td>
<td>85+ years</td>
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<td>96</td>
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<td>97</td>
<td>Refused</td>
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<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**Question ID:** BAL.040_00.000  
**Instrument Variable Name:** BDIZZ1  
**Final Documentation Name:** BDIZZ1

**During the PAST 12 MONTHS, have you had a problem with dizziness or balance?**  Do not include times when drinking alcohol.

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BALEV='1'

**Description:** Sample adults 18+

**Sources:** None  
**Recodes:** None  
**Keywords:** None  
**Notes:** None

Had dizziness or balance problem, past 12 months

1  Yes  
2  No  
7  Refused  
8  Not ascertained  
9  Don't know

---

**Question ID:** BAL.050_01.000  
**Instrument Variable Name:** BRPROB1  
**Final Documentation Name:** BRPROB1

**The next questions are about problems related to dizziness or balance.**  **DURING THE PAST 12 MONTHS, have you had any of the following problems?**  Do not include times when drinking alcohol.  Please say yes or no to each.

...**Had severe fatigue**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults 18+

**Sources:** None  
**Recodes:** None  
**Keywords:** None  
**Notes:** None

Had severe fatigue, past 12 months

1  Yes  
2  No  
7  Refused  
8  Not ascertained  
9  Don't know
2016 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Balance
PUBLIC USE
Document Version Date: 13-Jun-17

**Question ID:** BAL.050_02.000  
**Instrument Variable Name:** BRPROB2  
**Final Documentation Name:** BRPROB2

* Read if necessary. DURING THE PAST 12 MONHCS, have you had any of the following problems? Do not include times when drinking alcohol. Please say yes or no to each.

...Drifting to the side when trying to walk straight

* If respondent is unable to do this activity for reasons OTHER than dizziness or balance, Enter '2'  
Examples include respondents who are in a wheelchair, are deaf, blind, don’t have a driver’s license, etc.

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults 18+

**Sources:** None  
**Recodes:** None  
**Keywords:** None  
**Notes:** None

---

Had problem with drifting to side when trying to walk straight, past 12 months

1    Yes  
2    No  
7    Refused  
8    Not ascertained  
9    Don't know
* Read if necessary. DURING THE PAST 12 MONTHS, have you had any of the following problems? Do not include times when drinking alcohol. Please say yes or no to each.

...Bumping into one side or the other when walking through a doorway

* If respondent is unable to do this activity for reasons OTHER than dizziness or balance, Enter '2'
Examples include respondents who are in a wheelchair, are deaf, blind, don’t have a driver’s license, etc.

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description:  
Sample adults 18+

Sources:  
None

Recodes:  
None

Keywords:  
None

Notes:  
None

Had prob bumping into one side or other when walking thru doorway, past 12 mos

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<tr>
<td>1</td>
<td>Yes</td>
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<td>2</td>
<td>No</td>
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<td>7</td>
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<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
<td>Don't know</td>
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</tbody>
</table>
Question ID: BAL.050_04.000

* Read if necessary. DURING THE PAST 12 MONTHS, have you had any of the following problems? Do not include times when drinking alcohol. Please say yes or no to each.

...Difficulty walking in the dark without using support

* If respondent is unable to do this activity for reasons OTHER than dizziness or balance, Enter '2'
Examples include respondents who are in a wheelchair, are deaf, blind, don’t have a driver’s license, etc.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: None

Notes: None

Had difficulty walking in the dark without using support, past 12 months

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
2016 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Balance
PUBLIC USE
Document Version Date: 13-Jun-17

Question ID: BAL.050_05.000
Instrument Variable Name: BRPROB5
Final Documentation Name: BRPROB5

* Read if necessary. DURING THE PAST 12 MONTHS, have you had any of the following problems? Do not include times when drinking alcohol. Please say yes or no to each.

...Difficulty walking on uneven ground or surfaces

* If respondent is unable to do this activity for reasons OTHER than dizziness or balance, Enter '2'
Examples include respondents who are in a wheelchair, are deaf, blind, don’t have a driver’s license, etc.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: None
Notes: None

Had difficulty walking on uneven ground or surfaces, past 12 months

1   Yes
2   No
7   Refused
8   Not ascertained
9   Don't know

Question ID: BAL.050_06.000
Instrument Variable Name: BRPROB6
Final Documentation Name: BRPROB6

* Read if necessary. DURING THE PAST 12 MONTHS, have you had any of the following problems? Do not include times when drinking alcohol. Please say yes or no to each.

...Had fear of heights

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: None
Notes: None

Had a problem with fear of heights, past 12 months

1   Yes
2   No
7   Refused
8   Not ascertained
9   Don't know
**Question ID:** BAL.050_07.000  
**Instrument Variable Name:** BRPROB7  
**Final Documentation Name:** BRPROB7

*Read if necessary. DURING THE PAST 12 MONTHS, have you had any of the following problems? Do not include times when drinking alcohol. Please say yes or no to each.*

...Difficulty riding an escalator or moving walkway

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults 18+

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<thead>
<tr>
<th>Encoding</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
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<tr>
<td>2</td>
<td>No</td>
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<td>7</td>
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<td>Not ascertained</td>
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<td>Don't know</td>
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</table>

**Question ID:** RECODE  
**Instrument Variable Name:** BPROB_CT  
**Final Documentation Name:** BPROB_CT

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults 18+

<table>
<thead>
<tr>
<th>Encoding</th>
<th>Description</th>
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<tbody>
<tr>
<td></td>
<td>Counter for the number of dizziness or balance problems</td>
</tr>
<tr>
<td>0-7</td>
<td>Number of dizziness/balance symptoms</td>
</tr>
</tbody>
</table>
This next question is about symptoms of dizziness or balance problems. Please tell me if you have had any of these problems in the past 12 months. Please say yes or no to each.

A spinning or vertigo sensation or other illusion of motion such as tipping, tilting, or rocking

*Read if necessary: Vertigo is an illusion of rotation or other motion, as if riding a carousel.

**Symptom: spinning/ vertigo sensation/ other illusion of motion, past 12 mos**

1. Yes
2. No
3. Refused
4. Not ascertained
5. Don't know
Question ID: BAL.060_02.000  
Instrument Variable Name: BTYPE_2  
Final Documentation Name: BTYPE_2

* Read if necessary. This next question is about symptoms of dizziness or balance problems. Please tell me if you have had any of these problems in the past 12 months. Please say yes or no to each.

...A floating, spacey, or disconnected sensation

*Read if necessary: Your head doesn't feel quite right or normal.

* Read if necessary: Do not include times when drinking alcohol.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (BDIZZ1 =1 or (countc(cats(of BRPROB1-BRPROB7), '1')>=1))

Description: Sample adults 18+ had a dizziness or balance problem in the last 12 months or at least one balance related problem in the past 12 months

Sources: None
Recodes: None
Keywords: None
Notes: None

Symptom: a floating, spacey, or disconnected sensation, past 12 months

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
* Read if necessary. This next question is about symptoms of dizziness or balance problems. Please tell me if you have had any of these problems in the past 12 months. Please say yes or no to each.

...Feeling lightheaded, without a sense of motion

* Read if necessary: Do not include times when drinking alcohol.

Universe: ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997','999')) and (BDIZZ1 =1 or (countc(cats(of BRPROB1-BRPROB7), '1')>=1))

Description: Sample adults 18+ had a dizziness or balance problem in the last 12 months or at least one balance related problem in the past 12 months

Sources: None
Recodes: None
Keywords: None
Notes: None

Symptom: felt lightheaded without a sense of motion, past 12 months

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<tbody>
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<td>1</td>
<td>Yes</td>
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<td>2</td>
<td>No</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
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</tbody>
</table>
Read if necessary. This next question is about symptoms of dizziness or balance problems. Please tell me if you have had any of these problems in the past 12 months. Please say yes or no to each.

...Feeling as if you are going to pass out or faint

* Read if necessary: Do not include times when drinking alcohol.

Uni: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (BDIZZ1 =1 or (countc(cats(of BRPROB1-BRPROB7), '1')>=1))

Sample adults 18+ had a dizziness or balance problem in the last 12 months or at least one balance related problem in the past 12 months

Symptom: felt would pass out or faint, past 12 months

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</tbody>
</table>
* Read if necessary. This next question is about symptoms of dizziness or balance problems. Please tell me if you have had any of these problems in the past 12 months. Please say yes or no to each.

...Blurring of your vision when you move your head

* Read if necessary: Do not include times when drinking alcohol.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (BDIZZ1 =1 or (count(cats(of BRPROB1-BRPROB7), '1')>=1))

Description: Sample adults 18+ had a dizziness or balance problem in the last 12 months or at least one balance related problem in the past 12 months

Symptom: blurring of vision when moving head, past 12 months

1    Yes
2    No
7    Refused
8    Not ascertained
9    Don't know
* Read if necessary. This next question is about symptoms of dizziness or balance problems. Please tell me if you have had any of these problems in the past 12 months. Please say yes or no to each.

...Feeling off-balance or unsteady

* Read if necessary: Do not include times when drinking alcohol.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (BDIZZ1 =1 or (count(cats(of BRPROB1-BRPROB7), '1')>=1))

Description: Sample adults 18+ had a dizziness or balance problem in the last 12 months or at least one balance related problem in the past 12 months

Sources: None
Recodes: None
Keywords: None
Notes: None

Symptom: feeling off-balance or unsteady, past 12 months

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<td>Don't know</td>
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</tbody>
</table>
* Read if necessary. This next question is about symptoms of dizziness or balance problems. Please tell me if you have had any of these problems in the past 12 months. Please say yes or no to each.

...Other dizziness or balance problem.

* Read if necessary: Do not include times when drinking alcohol.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (BDIZZ1 =1 or (countc(cats(of BRPROB1-BRPROB7), '1')>=1))

Description: Sample adults 18+ had a dizziness or balance problem in the last 12 months or at least one balance related problem in the past 12 months

Sources: None
Recodes: None
Keywords: None
Notes: None

Symptom: other dizziness or balance problem, past 12 months

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Question ID: RECODE
Instrument Variable Name: BTYPE_CT
Final Documentation Name: BTYPE_CT

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (BDIZZ1 =1 or (countc(cats(of BRPROB1-BRPROB7), '1')>=1))

Description: Sample adults 18+ had a dizziness or balance problem in the last 12 months or at least one balance related problem in the past 12 months

Sources: BTYPE_1-BTYPE_7
Recodes: None
Keywords: dizziness; balance; symptoms
Notes: This is a counter for the number of dizziness or balance symptoms.

Counter for the number of balance symptoms

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<tbody>
<tr>
<td>0-7</td>
<td>Number of dizziness/balance problems</td>
</tr>
</tbody>
</table>
Question ID: BAL.070_00.000
Instrument Variable Name: BBOTH1
Final Documentation Name: BBOTH1

DURING THE PAST 12 MONTHS, which ONE of these feelings of dizziness or balance problems bothered you the most?

*Read answer categories below.

Universe: 
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ((countc(cats(of BTYPE_1-BTYPE_7), '1') >= 2) or (countc(cats(of BTYPE_1-BTYPE_7), '1') = 1 or countc(cats(of BTYPE_1-BTYPE_7), '7') = 1 or countc(cats(of BTYPE_1-BTYPE_7), '9') = 1) or (countc(cats(of BTYPE_1-BTYPE_7), '2') = 7 and BDIZZ1 = '1'))

Description: Sample adults 18+ and more than one balance symptom

Sources: None
Recodes: None
Keywords: None
Notes: None

Which one of these bothered the most, past 12 months

01 the spinning, vertigo, or motion sensation
02 the floating, spacey, or disconnected feeling
03 the feeling of lightheadedness
04 the feeling like you are about to pass out
05 Blurred vision
06 Unsteadiness
07 Other dizziness or balance problem
97 Refused
98 Not ascertained
99 Don't know
About how old were you when (Fill: most bothersome or only feeling) first happened?

* Read if necessary. If unsure, estimate as best you can.
* Enter '996' If since birth.

How old when most bothersome thing first happened?

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<th>Code</th>
<th>Description</th>
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<tr>
<td>01-84</td>
<td>1-84 years</td>
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<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
DURING THE PAST 12 MONTHS, about how often have you had (Fill: most bothersome or only feeling)?

*Please tell me the number of times per day, per week, per month.

*Enter '996' for 'Constantly' or 'Almost Always'.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BDIZZ1='1' or (((01'<=BBOTH1<='07') or BBOTH1 IN ('97','99'))

Description: Sample adults 18+ who had a dizziness or balance problem in the past 12 months or who identified at least one symptom in the past 12 months

How often had most bothersome thing, past 12 months

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<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>001-995</td>
<td>1-995</td>
</tr>
<tr>
<td>996</td>
<td>Constantly or almost always</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>999</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: BAL.100_02.000

Instrument Variable Name: BOFTT

Final Documentation Name: BOFTT

2 of 2

*Enter time period.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BDIZZ1='1' or ('01'<=BBOTH1<='07') or BBOTH1 IN ('97','99')

Description: Sample adults 18+ who had a dizziness or balance problem in the past 12 months or who identified at least one symptom in the past 12 months

Sources: None

Recodes: None

Keywords: None

Notes: None

Time period of most bothersome thing

1 Day(s)
2 Week(s)
3 Month(s)
4 Year
6 Constantly or almost always
7 Refused
8 Not ascertained
9 Don't know
How long from beginning to end does each occurrence, i.e., episode, bout or "attack", of (Fill: most bothersome or only feeling) usually last?

* Read if necessary. Only count the duration of individual spells or bouts, not a whole cluster of them, and don't include other related symptoms. For example, do not include nausea or vomiting.

*Probe if needed.

Universe:
\[
\text{ASTATFLG} = '1' \text{ and } (\text{AGE GE '018'} \text{ and } \text{AGE not IN ('997','999')}) \text{ and } \text{BDIZZ1]='1' or} \\
((01'<=\text{BBOTH1}<='07') \text{ or } \text{BBOTH1 IN ('97','99'))}
\]

Description: Sample adults 18+ who had a dizziness or balance problem in the past 12 months or who identified at least one symptom in the past 12 months

Sources: None
Recodes: None
Keywords: None
Notes: None

How long does each episode of most bothersome thing usually last?

01 Momentary, or less than two minutes
02 Two minutes to less than 20 minutes
03 20 minutes to less than 8 hours
04 8 hours to less than 24 hours
05 1 day to less than 14 days
06 2 weeks to less than 3 months
07 3 months or longer
97 Refused
98 Not ascertained
99 Don't know
The next questions are about things that trigger your balance or dizziness problems.

Do any of the following usually cause or trigger your dizziness or balance problem(s)? Please say yes or no to each.

...Looking up or down, leaning head back or bending forward

* If respondent is unable to do this activity for reasons OTHER than dizziness or balance, Enter ‘2’
Examples include respondents who are in a wheelchair, are deaf, blind, don’t have a driver’s license, etc.

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BDIZZ1='1' or
(('01'<=BBOTH1<='07') or BBOTH1 IN ('97','99'))

**Description:**
Sample adults 18+ who had a dizziness or balance problem in the past 12 months or who identified at least one symptom in the past 12 months

**Notes:**
None

Does looking up or down lean forward or back trigger balance/dizziness problem?

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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: BAL.120_02.000

* Read if necessary. Do any of the following usually cause or trigger your dizziness or balance problem(s)? Please say yes or no to each.

...Rolling over in bed

* If respondent is unable to do this activity for reasons OTHER than dizziness or balance, Enter '2'
Examples include respondents who are in a wheelchair, are deaf, blind, don’t have a driver’s license, etc.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BDIZZ1='1' or 
((01'<=BBOTH1<='07') or BBOTH1 IN ('97','99'))

Description: Sample adults 18+ have a dizziness or at least one balance symptom and does not almost always have unsteadiness

| Sources: None |
| Recodes: None |
| Keywords: None |
| Notes: None |

Does rolling over in bed trigger balance/dizziness problem?

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don’t know
### Question ID: BAL.120.03.000  
**Instrument Variable Name:** BTRG_03  
**Final Documentation Name:** BTRG_03

*Read if necessary. Do any of the following usually cause or trigger your dizziness or balance problem(s)? Please say yes or no to each.*

...Getting up after sitting or lying down

*If respondent is unable to do this activity for reasons OTHER than dizziness or balance, Enter '2'  
Examples include respondents who are in a wheelchair, are deaf, blind, don’t have a driver’s license, etc.*

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BDIZZ1='1' or  
((01'<=BBOTH1<='07') or BBOTH1 IN ('97','99'))

**Description:** Sample adults 18+ have a dizziness or at least one balance symptom and does not almost always have unsteadiness

| Sources:   | None |
| Recodes:   | None |
| Keywords:  | None |
| Notes:     | None |

Does getting up after sitting or lying down trigger balance/dizziness problem?

<table>
<thead>
<tr>
<th></th>
<th>Yes</th>
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<tbody>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don’t know</td>
</tr>
</tbody>
</table>
* Read if necessary. Do any of the following usually cause or trigger your dizziness or balance problem(s)? Please say yes or no to each.

**Headache, including migraine**

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BDIZZ1='1' or
t((01'<=BBOTH1<='07') or BBOTH1 IN ('97','99'))

**Description:**
Sample adults 18+ have a dizziness or at least one balance symptom and does not almost always have unsteadiness

<table>
<thead>
<tr>
<th>Sources</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recodes</td>
<td>None</td>
</tr>
<tr>
<td>Keywords</td>
<td>None</td>
</tr>
<tr>
<td>Notes</td>
<td>None</td>
</tr>
</tbody>
</table>

Does headache, including migraine, trigger balance/dizz problem?

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
* Read if necessary. Do any of the following usually cause or trigger your dizziness or balance problem(s)? Please say yes or no to each.

...a visual problem such as double vision, or your eyes "jerk", "bounce", move rapidly or oscillate

* If respondent is unable to do this activity for reasons OTHER than dizziness or balance, Enter '2'
Examples include respondents who are in a wheelchair, are deaf, blind, don’t have a driver's license, etc.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BDIZZ1='1' or 
((01'<=BBOTH1<='07') or BBOTH1 IN ('97','99'))

Description: Sample adults 18+ have a dizziness or at least one balance symptom and does not almost always have unsteadiness

Sources: None
Recodes: None
Keywords: None
Notes: None

Does a visual problem such as double vision trigger balance/dizz problem?

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don’t know
* Read if necessary. Do any of the following usually cause or trigger your dizziness or balance problem(s)? Please say yes or no to each.

...Riding in a car, bus, airplane, boat, or train

* If respondent is unable to do this activity for reasons OTHER than dizziness or balance, Enter '2'
Examples include respondents who are in a wheelchair, are deaf, blind, don’t have a driver’s license, etc.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BDIZZ1='1' or (('01'<=BBOTH1<='07') or BBOTH1 IN ('97','99'))

Description: Sample adults 18+ who had a dizziness or balance problem in the past 12 months or who identified at least one symptom in the past 12 months

| Does riding in a car/bus/airplane/boat/train trigger balance/dizz problem? |
|-----------------------------|-----------------|-----------------|-----------------|
| 1   | Yes             | 2   | No              |
| 7   | Refused         | 8   | Not ascertained |
| 9   | Don’t know      |
Question ID: BAL.120_07.000  
Instrument Variable Name: BTRG_07  
Final Documentation Name: BTRG_07

* Read if necessary. Do any of the following usually cause or trigger your dizziness or balance problem(s)? Please say yes or no to each.

...Walking down a grocery store aisle

* If respondent is unable to do this activity for reasons OTHER than dizziness or balance, Enter '2'
Examples include respondents who are in a wheelchair, are deaf, blind, don’t have a driver’s license, etc.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BDIZZ1='1' or ((01'<=BBOTH1<='07') or BBOTH1 IN ('97','99'))

Description: Sample adults 18+ who had a dizziness or balance problem in the past 12 months or who identified at least one symptom in the past 12 months

Sources: None
Recodes: None
Keywords: None
Notes: None

Does walking down a grocery store aisle trigger balance/dizziness problem?

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don’t know
* Read if necessary. Do any of the following usually cause or trigger your dizziness or balance problem(s)? Please say yes or no to each.

...Hearing loud sounds

* If respondent is unable to do this activity for reasons OTHER than dizziness or balance, Enter '2'
Examples include respondents who are in a wheelchair, are deaf, blind, don’t have a driver’s license, etc.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BDIZZ1='1' or 
((01’<=BBOTH1<='07') or BBOTH1 IN ('97', '99'))

Description: Sample adults 18+ who had a dizziness or balance problem in the past 12 months or who identified at least one symptom in the past 12 months

Sources: None
Recodes: None
Keywords: None
Notes: None

Does hearing loud sounds trigger balance/dizziness problem?

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don’t know
* Read if necessary. Do any of the following usually cause or trigger your dizziness or balance problem(s)? Please say yes or no to each.

...Blowing your nose

* If respondent is unable to do this activity for reasons OTHER than dizziness or balance, Enter '2'
Examples include respondents who are in a wheelchair, are deaf, blind, don’t have a driver’s license, etc.

Universe: $A\text{STATFLG} = '1'$ and $(\text{AGE} \geq '018' \text{ and } \text{AGE} \not\in ('997', '999'))$ and $BDIZZ1='1'$ or $((01'<=\text{BBOTH}1<='07') \text{ or } \text{BBOTH}1 \in ('97', '99'))$

Description: Sample adults 18+ who had a dizziness or balance problem in the past 12 months or who identified at least one symptom in the past 12 months

<table>
<thead>
<tr>
<th>Does blowing nose trigger balance/dizziness problem?</th>
<th>1</th>
<th>Yes</th>
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<tbody>
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<td></td>
<td>2</td>
<td>No</td>
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<td></td>
<td>7</td>
<td>Refused</td>
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<td>8</td>
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<td>Don’t know</td>
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</table>
Question ID: BAL_120_10.000

Instrument Variable Name: BTRG_10

Final Documentation Name: BTRG_10

* Read if necessary. Do any of the following usually cause or trigger your dizziness or balance problem(s)? Please say yes or no to each.

...Taking prescription medicines or drugs, or over-the-counter medications, e.g., for allergy or sleep aids

* If respondent is unable to do this activity for reasons OTHER than dizziness or balance, Enter '2'
Examples include respondents who are in a wheelchair, are deaf, blind, don’t have a driver’s license, etc.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and BDIZZ1='1' or
((01'<=BBOTH1<='07') or BBOTH1 IN ('97', '99'))

Description: Sample adults 18+ who had a dizziness or balance problem in the past 12 months or who identified at least one symptom in the past 12 months

Sources: None

Recodes: None

Keywords: None

Notes: None

Does taking prescription or OTC meds trigger balance/dizz problems?

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** BAL.130_01.000  
**Instrument Variable Name:** BSAME_1  
**Final Documentation Name:** BSAME_1

**Do any of the following problems happen around the same time as your dizziness or balance problem(s)?** Please say yes or no to each.

**...Nausea or vomiting**

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and BDIZZ1='1' or ('01'<=BBOTH1<='07') or BBOTH1 IN ('97', '99')  
Description: Sample adults 18+ who had a dizziness or balance problem in the past 12 months or who identified at least one symptom in the past 12 months

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</table>

**Question ID:** BAL.130_02.000  
**Instrument Variable Name:** BSAME_2  
**Final Documentation Name:** BSAME_2

* Read if necessary. **Do any of the following problems happen around the same time as your dizziness or balance problem(s)?** Please say yes or no to each.

**...Hearing loss in only one ear**

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and BDIZZ1='1' or ('01'<=BBOTH1<='07') or BBOTH1 IN ('97', '99')  
Description: Sample adults 18+ who had a dizziness or balance problem in the past 12 months or who identified at least one symptom in the past 12 months

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<td>Refused</td>
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<td>Not ascertained</td>
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<td>Don't know</td>
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</table>
**Question ID:** BAL.130_03.000  
**Instrument Variable Name:** BSAME_3  
**Final Documentation Name:** BSAME_3

* Read if necessary. Do any of the following problems happen around the same time as your dizziness or balance problem(s)? Please say yes or no to each.

...Ringing, buzzing, or roaring in one ear—medical term is Tinnitus (TIN-uh-tus)

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BDIZZ1='1' or (('01'<=BBOTH1<='07') or BBOTH1 IN ('97','99'))

**Description:** Sample adults 18+ who had a dizziness or balance problem in the past 12 months or who identified at least one symptom in the past 12 months

**Sources:** None  
**Recodes:** None  
**Keywords:** None  
**Notes:** None

**Does ringing/buzzing/roaring in one ear happen same time as balance/dizz prob?**

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know

---

**Question ID:** BAL.130_04.000  
**Instrument Variable Name:** BSAME_4  
**Final Documentation Name:** BSAME_4

* Read if necessary. Do any of the following problems happen around the same time as your dizziness or balance problem(s)? Please say yes or no to each.

...Fullness, pressure, or stuffed-up feeling in one ear without pain

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BDIZZ1='1' or (('01'<=BBOTH1<='07') or BBOTH1 IN ('97','99'))

**Description:** Sample adults 18+ who had a dizziness or balance problem in the past 12 months or who identified at least one symptom in the past 12 months

**Sources:** None  
**Recodes:** None  
**Keywords:** None  
**Notes:** None

**Does fullness/pressure/stuffiness in ear happen same time as balance/dizz prob?**

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
Read if necessary. Do any of the following problems happen around the same time as your dizziness or balance problem(s)? Please say yes or no to each.

**Sinus congestion**

Universe: \[\text{ASTATFLG} = '1' \land (\text{AGE} \geq '018') \land \text{AGE} \not\in ('997','999') \land \text{BDIZZ1} = '1' \lor (('01'<=\text{BBOTH1}<='07') \lor \text{BBOTH1} \in ('97','99'))\]

Description: Sample adults 18+ who had a dizziness or balance problem in the past 12 months or who identified at least one symptom in the past 12 months

Sources: None

Recodes: None

Keywords: None

Notes: None

Does sinus congestion happen same time as balance/dizziness problem?

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don’t know

**Anxiety**

Universe: \[\text{ASTATFLG} = '1' \land (\text{AGE} \geq '018') \land \text{AGE} \not\in ('997','999') \land \text{BDIZZ1} = '1' \lor (('01'<=\text{BBOTH1}<='07') \lor \text{BBOTH1} \in ('97','99'))\]

Description: Sample adults 18+ who had a dizziness or balance problem in the past 12 months or who identified at least one symptom in the past 12 months

Sources: None

Recodes: None

Keywords: None

Notes: None

Does anxiety happen same time as balance/dizziness problem?

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don’t know
2016 NATIONAL HEALTH INTERVIEW SURVEY  
Sample Adult  
samadult : Adult Balance  
PUBLIC USE  
Document Version Date: 13-Jun-17  

Question ID: BAL.130_07.000  
Instrument Variable Name: BSAME_7  
Final Documentation Name: BSAME_7  

* Read if necessary. Do any of the following problems happen around the same time as your dizziness or balance problem(s)? Please say yes or no to each.

...Depression  
Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BDIZZ1='1' or 
(()'01'<=BBOTH1<='07') or BBOTH1 IN ('97','99'))  
Description: Sample adults 18+ who had a dizziness or balance problem in the past 12 months or who identified at least one symptom in the past 12 months  
Sources: None  
Recodes: None  
Keywords: None  
Notes: None  

Does depression happen same time as balance/dizz problem?  
1 Yes  
2 No  
7 Refused  
8 Not ascertained  
9 Don't know

Question ID: BAL.140_01.000  
Instrument Variable Name: BONLY_1  
Final Documentation Name: BONLY_1  

Do you have nausea or vomiting only when you have dizziness or balance problem(s) or do you have it regardless?  
* Read if necessary. We mean around the same time, or just before, during or following the dizziness or balance problem(s).  

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BSAME_1='1'  
Description: Sample adults 18+ who had nausea or vomiting around the same time as their dizziness or balance problem  
Sources: None  
Recodes: None  
Keywords: None  
Notes: None  

Have nausea or vomiting only with balance/dizz problem?  
1 Only  
2 Regardless  
7 Refused  
8 Not ascertained  
9 Don't know
Do you have hearing loss only when you have dizziness or balance problem(s) or do you have it regardless?

* Read if necessary. We mean around the same time, or just before, during or following the dizziness or balance problem(s).

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BSAME_2='1'

Description: Sample adults 18+ who had hearing loss around the same time as their dizziness or balance problem

Sources: None
Recodes: None
Keywords: None
Notes: None

Have hearing loss only with balance/dizziness problem?

1 Only
2 Regardless
7 Refused
8 Not ascertained
9 Don't know

Do you have ringing in your ear or tinnitus only when you have dizziness or balance problem(s) or do you have it regardless?

* Read if necessary. We mean around the same time, or just before, during or following the dizziness or balance problem(s).

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BSAME_3='1'

Description: Sample adults 18+ who had tinnitus around the same time as their dizziness or balance problem

Sources: None
Recodes: None
Keywords: None
Notes: None

Have ringing in ear/tinnitus only with balance/dizziness problem?

1 Only
2 Regardless
7 Refused
8 Not ascertained
9 Don't know
Do you have fullness, pressure, or stuffiness in your ear only when you have dizziness or balance problem(s) or do you have it regardless?

* Read if necessary. We mean around the same time, or just before, during or following the dizziness or balance problem(s).

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BSAME_4='1'

Description: Sample adults 18+ who had fullness, pressure, or stuffiness in their ear around the same time as their dizziness or balance problem

Sources: None
Recodes: None
Keywords: None
Notes: None

Have fullness, pressure, stuffiness only with balance/dizz problem?

1  Only
2  Regardless
7  Refused
8  Not ascertained
9  Don't know

Have sinus congestion only with balance/dizz problem?

1  Only
2  Regardless
7  Refused
8  Not ascertained
9  Don't know
Do you have anxiety only when you have the dizziness or balance problem(s) or do you have it regardless?

* Read if necessary. We mean around the same time, or just before, during or following the dizziness or balance problem(s).

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and BSAME_6='1'

Description: Sample adults 18+ who had anxiety around the same time as their dizziness or balance problem

Sources: None
Recodes: None
Keywords: None
Notes: None

Have anxiety only with balance/dizz problem?

1 Only
2 Regardless
7 Refused
8 Not ascertained
9 Don't know

Do you have depression only when you have the dizziness or balance problem(s) or do you have it regardless?

* Read if necessary. We mean around the same time, or just before, during or following the dizziness or balance problem(s).

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and BSAME_7='1'

Description: Sample adults 18+ who had depression around the same time as their dizziness or balance problem

Sources: None
Recodes: None
Keywords: None
Notes: None

Have depression only with balance/dizz problem?

1 Only
2 Regardless
7 Refused
8 Not ascertained
9 Don't know
Have you ever gone to a hospital or emergency room about a dizziness or balance problem?

Question ID: BAL.150_00.000  
Instrument Variable Name: BHOSP2  
Final Documentation Name: BHOSP2  

Universe: 
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (BALEV='1' or (BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1'))

Description: Sample adults 18+ who have ever had a balance or dizziness problem or who had at least one symptom in the past 12 months

Sources: None  
Recodes: None  
Keywords: None  
Notes: None

Ever gone to hospital/ER for dizz/balance problem?

1  Yes  
2  No  
7  Refused  
8  Not ascertained  
9  Don't know

DURING THE PAST 5 YEARS, about how many times have you gone to a hospital emergency room about a dizziness or balance problem?

Question ID: BAL.160_00.000  
Instrument Variable Name: BHOSPNO1  
Final Documentation Name: BHOSPNO1  

Universe: 
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BHOSP2='1'

Description: Sample adults 18+ and ever been to ER about dizziness

Sources: None  
Recodes: None  
Keywords: None  
Notes: None

Number of times gone to hospital/ER for dizz/balance problem, past 5 years

0  None  
1  1 time  
2  2 times  
3  3-4 times  
4  5-9 times  
5  10-14 times  
6  15 or more times  
7  Refused  
8  Not ascertained  
9  Don't know
Have you EVER seen a doctor or other health professional, except for in the emergency room, about a dizziness or balance problem?

<table>
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<th>Question ID: BAL.170_00.000</th>
<th>Instrument Variable Name: BHP1</th>
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<td>ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997', '999')) and (BALEV='1') or ((BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1'))</td>
</tr>
<tr>
<td><strong>Description:</strong></td>
<td>Sample adults 18+ who have ever had a balance or dizziness problem or who had at least one symptom in the past 12 months</td>
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</table>

| Sources: | None |
| Recodes: | None |
| Keywords: | None |
| Notes: | None |

Ever seen doctor/health professional about dizz/balance problem?

<table>
<thead>
<tr>
<th>Response</th>
<th>Description</th>
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<tr>
<td>1</td>
<td>Yes</td>
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<td>Don't know</td>
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DURING THE PAST 5 YEARS, have you seen any of the following types of doctors or health professionals about your dizziness or balance problem(s)? Please say yes or no to each.

... Family doctor, internal medicine doctor or general practitioner

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<th>Question ID: BAL.180_01.000</th>
<th>Instrument Variable Name: BHP1_01</th>
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<tr>
<td><strong>Description:</strong></td>
<td>Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months and who ever saw a doctor or other health professional about a dizziness or balance problem</td>
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| Sources: | None |
| Recodes: | None |
| Keywords: | None |
| Notes: | None |

Seen fam MD/internal medicine MD/family practitioner about dizz/balance prob?

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<th>Response</th>
<th>Description</th>
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<tr>
<td>1</td>
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<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
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</table>
* Read if necessary: DURING THE PAST 5 YEARS, have you seen any of the following types of doctors or health professionals about your dizziness or balance problem(s)? Please say yes or no to each.

...Cardiologist or heart specialist

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not in ('997','999')) and (BDIZZ1='1') or (BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1') and BHP1='1'

Description: Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months and who ever saw a doctor or other health professional about a dizziness or balance problem.

Sources: None

Recodes: None

Keywords: None

Notes: None

Seen cardiologist or heart specialist about dizz/balance problem?

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
* Read if necessary: DURING THE PAST 5 YEARS, have you seen any of the following types of doctors or health professionals about your dizziness or balance problem(s)?
Please say yes or no to each.

...Ear, nose, and throat doctor

* Ear, nose, and throat doctors are also known as: “otolaryngologists”, “otologists” or “neurotologists

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (BDIZZ1='1') or ((BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1')) and BHP1='1'

Description: Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months and who ever saw a doctor or other health professional about a dizziness or balance problem

Sources: None
Recodes: None
Keywords: None
Notes: None

Seen ear, nose, throat doctor about dizz/balance problem?

1   Yes
2   No
7   Refused
8   Not ascertained
9   Don't know
* Read if necessary: DURING THE PAST 5 YEARS, have you seen any of the following types of doctors or health professionals about your dizziness or balance problem(s)? Please say yes or no to each.

...Neurologist

Universal: ASTATFLG = 1' and (AGE GE '018' and AGE not IN ('997','999')) and (BDIZZ1='1') or ((BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1')) and BHP1='1'

Description: Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months and who ever saw a doctor or other health professional about a dizziness or balance problem.

Sources: None
Recodes: None
Keywords: None
Notes: None

Seen neurologist about dizz/balance problem?

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
* Read if necessary: DURING THE PAST 5 YEARS, have you seen any of the following types of doctors or health professionals about your dizziness or balance problem(s)?
Please say yes or no to each.

... Eye doctor, optometrist, or ophthalmologist (AHF-thal-MOL-oh-jist)

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (BDIZZ1='1') or ((BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1')) and BHP1='1'

Description: Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months and who ever saw a doctor or other health professional about a dizziness or balance problem

Sources: None
Recodes: None
Keywords: None
Notes: None

Seen eye doctor, optometrist, ophthalmologist about dizz/balance problem?

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
* Read if necessary: DURING THE PAST 5 YEARS, have you seen any of the following types of doctors or health professionals about your dizziness or balance problem(s)? Please say yes or no to each.

...Dentist, orthodontist or oral surgeon

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (BDIZZ1='1') or ((BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1')) and BHP1='1'

Description: Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months and who ever saw a doctor or other health professional about a dizziness or balance problem

Sources: None
Recodes: None
Keywords: None
Notes: None

Seen dentist, orthodontist, or oral surgeon about dizz/balance problem?

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<td>7</td>
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</tbody>
</table>
Question ID: BAL.180_07.000

* Read if necessary: DURING THE PAST 5 YEARS, have you seen any of the following types of doctors or health professionals about your dizziness or balance problem(s)? Please say yes or no to each.

...Gynecologist or OB/GYN

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and SEX=2 and (DIZZ1='1') or (BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1')) and BHP1='1'

Description: Female sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months and who ever saw a doctor or other health professional about a dizziness or balance problem

Sources: None

Recodes: None

Keywords: None

Notes: None

Seen gynecologist, OB/GYN about dizz/balance problem?

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</table>
**Question ID:** BAL.180_08.000  
**Instrument Variable Name:** BHP1_08  
**Final Documentation Name:** BHP1_08

* Read if necessary: **DURING THE PAST 5 YEARS, have you seen any of the following types of doctors or health professionals about your dizziness or balance problem(s)?**  
Please say yes or no to each.

...Psychiatrist, psychologist or social worker

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (BDIZZ1='1') or ((BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1')) and BHP1='1'

**Description:** Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months and who ever saw a doctor or other health professional about a dizziness or balance problem

**Sources:** None  
**Recodes:** None  
**Keywords:** None  
**Notes:** None

See psychiatrist, psychologist, or social worker about dizziness/balance problem?

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<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
<td>Don't know</td>
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</tbody>
</table>
* Read if necessary: DURING THE PAST 5 YEARS, have you seen any of the following types of doctors or health professionals about your dizziness or balance problem(s)?
Please say yes or no to each.

...Osteopath (OS-te-o-path) or doctor of osteopathy (os-tee-OP-uh-thee)

Universe:  ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (BDIZZ1='1') or ((BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1')) and BHP1='1'

Description: Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months and who ever saw a doctor or other health professional about a dizziness or balance problem.

Sources: None
Recodes: None
Keywords: None
Notes: None

Seen osteopath, doctor of osteopathy about dizz/balance problem?

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
* Read if necessary: DURING THE PAST 5 YEARS, have you seen any of the following types of doctors or health professionals about your dizziness or balance problem(s)? Please say yes or no to each.

...Occupational therapist, physical therapist or rehabilitation ("rehab") specialist/doctor

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (BDIZZ1='1') or ((BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1')) and BHP1='1'

Description: Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months and who ever saw a doctor or other health professional about a dizziness or balance problem

Sources: None

Recodes: None

Keywords: None

Notes: None

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<tr>
<th>Seen occup/physical therapist, rehab specialist/MD about dizz/balance prob?</th>
</tr>
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<tbody>
<tr>
<td>1 Yes</td>
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<tr>
<td>2 No</td>
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<tr>
<td>7 Refused</td>
</tr>
<tr>
<td>8 Not ascertained</td>
</tr>
<tr>
<td>9 Don't know</td>
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</tbody>
</table>
* Read if necessary: DURING THE PAST 5 YEARS, have you seen any of the following types of doctors or health professionals about your dizziness or balance problem(s)? Please say yes or no to each.

...Physician assistant or nurse practitioner

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (BDIZZ1='1') or ((BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1')) and BHP1='1'

Description: Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months and who ever saw a doctor or other health professional about a dizziness or balance problem

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<tr>
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<th>Seen physician asst or nurse practitioner about dizz/balance problem?</th>
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<td>1</td>
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<td>2</td>
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 Question ID: BAL.180_12.000
Instrument Variable Name: BHP1_12
Final Documentation Name: BHP1_12

* Read if necessary: DURING THE PAST 5 YEARS, have you seen any of the following types of doctors or health professionals about your dizziness or balance problem(s)? Please say yes or no to each.

...Nutritionist or dietician

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (BDIZZ1='1') or ((BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1')) and BHP1='1'

Description: Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months and who ever saw a doctor or other health professional about a dizziness or balance problem

Sources: None
Recodes: None
Keywords: None
Notes: None

See nutritionist or dietician about dizz/balance problem?

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
* Read if necessary: DURING THE PAST 5 YEARS, have you seen any of the following types of doctors or health professionals about your dizziness or balance problem(s)? Please say yes or no to each.

**Audiologist**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (BDIZZ1='1') or ((BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1')) and BHP1='1'

**Description:** Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months and who ever saw a doctor or other health professional about a dizziness or balance problem

**Sources:** None
**Recodes:** None
**Keywords:** None
**Notes:** None

**Seen audiologist about dizz/balance problem?**

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</table>
Question ID: BAL.180_14.000  
Instrument Variable Name: BHP1_14  
Final Documentation Name: BHP1_14

* Read if necessary: DURING THE PAST 5 YEARS, have you seen any of the following types of doctors or health professionals about your dizziness or balance problem(s)? Please say yes or no to each.

...Foot doctor

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (BDIZZ1='1') or ((BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1')) and BHP1='1'

Description: Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months and who ever saw a doctor or other health professional about a dizziness or balance problem

Sources: None  
Recodes: None  
Keywords: None  
Notes: None

Seen foot doctor about dizz/balance problem?

1  Yes  
2  No  
7  Refused  
8  Not ascertained  
9  Don't know
* Read if necessary: DURING THE PAST 5 YEARS, have you seen any of the following types of doctors or health professionals about your dizziness or balance problem(s)? Please say yes or no to each.

...Some other health professional

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (BDIZZ1='1') or ((BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1')) and BHP1='1'

Description: Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months and who ever saw a doctor or other health professional about a dizziness or balance problem

See some other health professional about dizz/balance problem?

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** BAL.190.00.000  
**Instrument Variable Name:** B5YRS1  
**Final Documentation Name:** B5YRS1

**DURING THE PAST 5 YEARS, about how many times have you seen a doctor or other health professional about your dizziness or balance problem(s)?**

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (BDIZZ1='1') or ((BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1')) and BHP1='1'

**Description:** Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months and who ever saw a doctor or other health professional about a dizziness or balance problem

**Sources:** None  
**Recodes:** None  
**Keywords:** None  
**Notes:** None

**How many times seen MD/oth health prof about dizz/balance prob, past 5 years?**

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<td>6</td>
<td>15 or more times</td>
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Question ID: BAL.200_00.000
Instrument Variable Name: BFIRST1
Final Documentation Name: BFIRST1

How long ago did you FIRST see a doctor or other health professional, including emergency room physicians about your dizziness or balance problem(s)?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (BDIZZ1='1') or ((BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1')) and (BHOSP2='1' or BHP1='1')

Description: Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months and who ever saw a doctor or other health professional (including ER) about a dizziness or balance problem

Sources: None
Recodes: None
Keywords: None
Notes: None

How long ago first saw MD/ other health professional about dizz/balance problem?

1 Less than 12 months
2 12 months to less than 3 years
3 3 years to less than 5 years
4 5 years to less than 10 years
5 10 years to less than 15 years
6 15 years or more
7 Refused
8 Not ascertained
9 Don't know
How much do you feel these doctors or other health professionals helped your dizziness or balance problem(s)? Would you say...

*Read answer categories below.

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (BDIZZ1='1') or ((BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1')) and (BHOSP2='1' or BHP1='1')

**Description:**
Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months and who ever saw a doctor or other health professional (including ER) about a dizziness or balance problem

**Sources:**
None

**Recodes:**
None

**Keywords:**
None

**Notes:**
None

How much did these doctors/other health professionals help dizz/balance prob?

1. No help at all
2. A little help
3. Moderate help
4. A lot of help
5. Problem was cured or no longer exists
7. Refused
8. Not ascertained
9. Don't know
About how long was it between the first time you saw a doctor or other health professional about your dizziness or balance problem(s) until you began to feel helped by treatments or advice you received?

Please tell me the number of days, weeks, months or years.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BHELP1 IN('2','3','4','5')

Description: Sample adults 18+ who feel doctor or other health professional helped dizziness at least a little

Sources: None
Recodes: None
Keywords: None
Notes: None

# of days/wks/ys btwn 1st time saw MD for dizz/bal prob & helped by treatment

- 001-365: 1-365
- 997: Refused
- 998: Not ascertained
- 999: Don't know

*Enter time period for time since last saw a doctor or other health professional.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BHELP1 IN('2','3','4','5')

Description: Sample adults 18+ who feel doctor or other health professional helped dizziness at least a little

Sources: None
Recodes: None
Keywords: None
Notes: None

Time period btwn 1st time saw MD for dizz/balance prob & helped by treatment

- 1: Day(s)
- 2: Week(s)
- 3: Month(s)
- 4: Year(s)
- 7: Refused
- 8: Not ascertained
- 9: Don't know
Question ID: BAL.240_00.000

Did any of the doctors or health care professionals tell you the cause or give you a diagnosis for your dizziness or balance problem(s)?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (BDIZZ1='1') or ((BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1')) and (BHOSP2='1' or BHP1='1')

Description: Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months and who ever saw a doctor or other health professional (including ER) about a dizziness or balance problem

Sources: None
Recodes: None
Keywords: None
Notes: None

Did doctor/health professionals give diagnosis for dizz/balance problem?

   1    Yes
   2    No
   7    Refused
   8    Not ascertained
   9    Don't know

Question ID: BAL.250_01.000

What did the doctor(s) or health care professional(s) tell you was the cause or causes of your dizziness or balance problem(s)?

* Enter all that apply, separate with commas.

* Read the list if necessary.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BDIAG1='1'

Description: Sample adults 18+ who were told cause of dizziness or balance problem

Sources: None
Recodes: None
Keywords: None
Notes: None

Allergies cause of dizz/balance problem?

   1    Mentioned
   2    Not mentioned
   7    Refused
   8    Not ascertained
   9    Don't know
What did the doctor(s) or health care professional(s) tell you was the cause or causes of your dizziness or balance problem(s)?

* Enter all that apply, separate with commas.

* Read the list if necessary.

Universe: $\text{ASTATFLG} = '1'$ and $(\text{AGE} \geq '018' \text{ and } \text{AGE} \not\in ('997','999')) \text{ and } \text{BDIAG1}='1'$

Description: Sample adults 18+ who were told cause of dizziness or balance problem

---

Anxiety or depression cause of dizzy/balance problem?

1. Mentioned
2. Not mentioned
7. Refused
8. Not ascertained
9. Don't know

---

Benign positional vertigo (BPV) cause of dizzy/balance problem?

1. Mentioned
2. Not mentioned
7. Refused
8. Not ascertained
9. Don't know
What did the doctor(s) or health care professional(s) tell you was the cause or causes of your dizziness or balance problem(s)?

* Enter all that apply, separate with commas.

* Read the list if necessary.

**Crystals-loose or dislodged in ear cause of dizz/balance problem?**

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**Diabetes cause of balance problem?**

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What did the doctor(s) or health care professional(s) tell you was the cause or causes of your dizziness or balance problem(s)?

* Enter all that apply, separate with commas.

* Read the list if necessary.

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BDIAG1='1'

**Description:** Sample adults 18+ who were told cause of dizziness or balance problem

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

**Question ID:** BAL.250_06.000

**Instrument Variable Name:** BCAUS01-BCAUS14

**Final Documentation Name:** BCAUS106

**Headache or migraine cause of dizziness/balance problem?**

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**Question ID:** BAL.250_07.000

**Instrument Variable Name:** BCAUS01-BCAUS14

**Final Documentation Name:** BCAUS107

What did the doctor(s) or health care professional(s) tell you was the cause or causes of your dizziness or balance problem(s)?

* Enter all that apply, separate with commas.

* Read the list if necessary.

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BDIAG1='1'

**Description:** Sample adults 18+ who were told cause of dizziness or balance problem

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

**Head or neck trauma/concussion cause of dizziness/balance problem?**

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What did the doctor(s) or health care professional(s) tell you was the cause or causes of your dizziness or balance problem(s)?

* Enter all that apply, separate with commas.

* Read the list if necessary.

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BDIAG1='1'

Description:  
Sample adults 18+ who were told cause of dizziness or balance problem

Heart disease cause of dizz/balance problem?

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know

Inner ear infection/viral labrynthitis cause of dizz/balance problem?

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
What did the doctor(s) or health care professional(s) tell you was the cause or causes of your dizziness or balance problem(s)?

* Enter all that apply, separate with commas.

* Read the list if necessary.

**Meniere's (Men-e-AIRZ) disease cause of dizz/balance problem?**

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**Neurological-multiple sclerosis (MS), seizures, etc. cause of dizz/balance prob?**

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</table>
Question ID: BAL.250_12.000  
Instrument Variable Name: BCAUS01-BCAUS14  
Final Documentation Name: BCAUS112

What did the doctor(s) or health care professional(s) tell you was the cause or causes of your dizziness or balance problem(s)?

* Enter all that apply, separate with commas.

* Read the list if necessary.

Universe:ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BDIAG1='1'

Description:Sample adults 18+ who were told cause of dizziness or balance problem

Sources: None  
Recodes: None  
Keywords: None  
Notes: None

Side effects from medications cause of dizz/balance problem?

1 Mentioned  
2 Not mentioned  
7 Refused  
8 Not ascertained  
9 Don't know

Question ID: BAL.250_13.000  
Instrument Variable Name: BCAUS01-BCAUS14  
Final Documentation Name: BCAUS113

What did the doctor(s) or health care professional(s) tell you was the cause or causes of your dizziness or balance problem(s)?

* Enter all that apply, separate with commas.

* Read the list if necessary.

Universe:ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BDIAG1='1'

Description:Sample adults 18+ who were told cause of dizziness or balance problem

Sources: None  
Recodes: None  
Keywords: None  
Notes: None

Stroke cause of dizz/balance problem?

1 Mentioned  
2 Not mentioned  
7 Refused  
8 Not ascertained  
9 Don't know
What did the doctor(s) or health care professional(s) tell you was the cause or causes of your dizziness or balance problem(s)?

* Enter all that apply, separate with commas.

* Read the list if necessary.

Universe: ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997','999')) and BDIAG1='1'

Description: Sample adults 18+ who were told cause of dizziness or balance problem

---

Question ID: BAL.250_14.000

Instrument Variable Name: BCAUS01-BCAUS14

Final Documentation Name: BCAUS114

---

Have you EVER taken or tried anything to treat your dizziness or balance problem(s) such as physical therapy, certain exercises, avoiding certain foods, taking medicines, surgery, or wearing magnets or wristbands?

Universe: ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997','999')) and ((BDIZZ1='1') or (BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1'))

Description: Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months

---

Question ID: BAL.260_00.000

Instrument Variable Name: BTRET1

Final Documentation Name: BTRET1

---

Ever tried anything to treat dizz/balance problem?

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Have you ever tried any of the following treatments? Please say yes or no to each.

...Exercises or physical therapy

* Do not include Tai Chi, Yoga, or Qi Gong.

**Question ID:** BAL.270_01.000  
**Instrument Variable Name:** BTRT1_01  
**Final Documentation Name:** BTRT1_01

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BTRET1='1'

Description:  
Sample adults 18+ treated for dizziness or balance problem

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**Question ID:** BAL.270_02.000  
**Instrument Variable Name:** BTRT1_02  
**Final Documentation Name:** BTRT1_02

* Read if necessary. Have you ever tried any of the following treatments? Please say yes or no to each.

...Bed rest for several hours or days

**Question ID:** BAL.270_02.000  
**Instrument Variable Name:** BTRT1_02  
**Final Documentation Name:** BTRT1_02

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BTRET1='1'

Description:  
Sample adults 18+ treated for dizziness or balance problem

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Ever tried head rolling/Epley maneuver by MD/therapist to treat dizz/bal prob?

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know

Ever tried steroid injections to the ear to treat dizz/balance problem?

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
* Read if necessary. Have you ever tried any of the following treatments? Please say yes or no to each.

**Surgery**

Universe: ASTATFLG = '1' and (AGE $\geq$ '018' and AGE not IN ('997','999')) and BTRET1='1'

Description: Sample adults 18+ treated for dizziness or balance problem

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**Low salt diet**

Universe: ASTATFLG = '1' and (AGE $\geq$ '018' and AGE not IN ('997','999')) and BTRET1='1'

Description: Sample adults 18+ treated for dizziness or balance problem

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Question ID: BAL.270_08.000
Instrument Variable Name: BTRT1_08
Final Documentation Name: BTRT1_08

* Read if necessary. Have you ever tried any of the following treatments? Please say yes or no to each.

...Avoiding or cutting back on certain foods or drinks such as chocolate, coffee, or alcohol

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BTRET1='1'
Description: Sample adults 18+ treated for dizziness or balance problem

Sources: None
Recodes: None
Keywords: None
Notes: None

Ever cut back/avoided certain food or drinks to treat dizz/balance problem?

1    Yes
2    No
7    Refused
8    Not ascertained
9    Don't know

Question ID: BAL.270_09.000
Instrument Variable Name: BTRT1_09
Final Documentation Name: BTRT1_09

* Read if necessary. Have you ever tried any of the following treatments? Please say yes or no to each.

...Quitting or reducing use of tobacco or cigarettes

* Enter '2' for non-smokers.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BTRET1='1' and SMKEV='1'
Description: Sample adults 18+ treated for dizziness or balance problem who have ever smoked

Sources: None
Recodes: None
Keywords: None
Notes: None

Ever tried quit/reduce use of tobacco/cigarettes to treat dizz/balance problem?

1    Yes
2    No
7    Refused
8    Not ascertained
9    Don't know
*Read if necessary. Have you ever tried any of the following treatments? Please say yes or no to each.

**Prescription medicine or drugs**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BTRET1='1'

**Description:** Sample adults 18+ treated for dizziness or balance problem

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

**Ever tried prescription medicine/drugs to treat dizziness/balance problem?**

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**Question ID:** BAL.270_10.000  
**Instrument Variable Name:** BTRT1_10  
**Final Documentation Name:** BTRT1_10

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**Question ID:** BAL.270_11.000  
**Instrument Variable Name:** BTRT1_11  
**Final Documentation Name:** BTRT1_11

*Read if necessary. Have you ever tried any of the following treatments? Please say yes or no to each.

**Over-the-counter medicines such as allergy medications or sleep aids or Dramamine patches**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BTRET1='1'

**Description:** Sample adults 18+ treated for dizziness or balance problem

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

**Ever tried OTC meds (allergy meds, sleep aids) to treat dizziness/balance problem?**

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Question ID: BAL.270_12.000
Instrument Variable Name: BTRT1_12
Final Documentation Name: BTRT1_12

* Read if necessary. Have you ever tried any of the following treatments? Please say yes or no to each.

...Psychiatric treatment

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BTRET1='1'
Description: Sample adults 18+ treated for dizziness or balance problem

Sources: None
Recodes: None
Keywords: None
Notes: None

Ever tried psychiatric treatment?

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Question ID: BAL.270_13.000
Instrument Variable Name: BTRT1_13
Final Documentation Name: BTRT1_13

* Read if necessary. Have you ever tried any of the following treatments? Please say yes or no to each.

...Massage therapy or chiropractic treatment or manipulation

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BTRET1='1'
Description: Sample adults 18+ treated for dizziness or balance problem

Sources: None
Recodes: None
Keywords: None
Notes: None

Ever tried massage therapy or chiropractic treatment or manipulation

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** BAL.270_14.000  
**Instrument Variable Name:** BTRT1_14  
**Final Documentation Name:** BTRT1_14

*Read if necessary. Have you ever tried any of the following treatments? Please say yes or no to each.*

**Acupuncture**

| Universe: | ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BTRET1='1' |
| Description: | Sample adults 18+ treated for dizziness or balance problem |

Sources: None  
Recodes: None  
Keywords: None  
Notes: None

Ever tried acupuncture?  
1 Yes  
2 No  
7 Refused  
8 Not ascertained  
9 Don't know

---

**Question ID:** BAL.270_15.000  
**Instrument Variable Name:** BTRT1_15  
**Final Documentation Name:** BTRT1_15

*Read if necessary. Have you ever tried any of the following treatments? Please say yes or no to each.*

**Herbal remedy such as feverfew leaf, ginger or ginkgo biloba (GIN-ko bye-LO-bah)**

| Universe: | ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BTRET1='1' |
| Description: | Sample adults 18+ treated for dizziness or balance problem |

Sources: None  
Recodes: None  
Keywords: None  
Notes: None

Ever tried herbal remedies such as feverfew tea, ginger, or ginkgo biloba?  
1 Yes  
2 No  
7 Refused  
8 Not ascertained  
9 Don't know
2016 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Balance
PUBLIC USE
Document Version Date: 13-Jun-17

**Question ID:** BAL.270_16.000
**Instrument Variable Name:** BTRT1_16
**Final Documentation Name:** BTRT1_16

*Read if necessary. Have you ever tried any of the following treatments? Please say yes or no to each.*

...Wearing magnets or acupressure wristband

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BTRET1='1'

**Description:** Sample adults 18+ treated for dizziness or balance problem

**Sources:** None
**Recodes:** None
**Keywords:** None
**Notes:** None

Ever tried wearing magnets or acupressure wristband?

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know

**Question ID:** BAL.280_00.000
**Instrument Variable Name:** BSTAT1
**Final Documentation Name:** BSTAT1

**DURING THE PAST 12 MONTHS,** have your dizziness or balance problem(s) gotten worse, stayed the same, improved somewhat, or improved greatly?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ((BDIZZ1='1') or (BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1'))

**Description:** Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months

**Sources:** None
**Recodes:** None
**Keywords:** None
**Notes:** None

In past 12 mos, are dizz/bal probs worse, same, imprv some, or imprv greatly?

1. Gotten worse
2. Stayed the same
3. Improved somewhat
4. Improved greatly
7. Refused
8. Not ascertained
9. Don't know
Do you regularly take any medicine that makes your dizziness or balance problem(s) worse?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ((BDIZZ1='1') or (BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1'))

Description: Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months

Sources: None

Recodes: None

Keywords: None

Notes: None

Do you regularly take any medicine that makes your dizziness/balance problem(s) worse?

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Do your dizziness or balance problems prevent you in any way from doing things you otherwise could do?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ((BDIZZ1='1') or (BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1'))

Description: Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months

Sources: None

Recodes: None

Keywords: None

Notes: None

Do dizziness or balance problems prevent you from doing things you otherwise could do?

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Have your dizziness or balance problems caused you to change or cut back on any of the following activities? Please say yes or no to each.

...Driving a motor vehicle

* If respondent is unable to do this activity for reasons OTHER than dizziness or balance, Enter '2'
Examples include respondents who are in a wheelchair, are deaf, blind, don’t have a driver's license, etc.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BCHN1='1'

Description: Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months and whose problem prevents them from doing things

Sources: None
Recodes: None
Keywords: None
Notes: None

Have dizz/bal probs caused changes or cut back on driving a motor vehicle?

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
* Read if necessary. Have your dizziness or balance problems caused you to change or cut back on any of the following activities? Please say yes or no to each.

...Riding in a car, bus, airplane, boat or train

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BCHNG1='1'

Description: Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months and whose problem prevents them from doing things

Sources: None
Recodes: None
Keywords: None
Notes: None

Dizz/bal probs caused changes/cut back on riding in car/bus/plane/boat/train?

1   Yes
2   No
7   Refused
8   Not ascertained
9   Don't know
Question ID: BAL.320_03.000

Instrument Variable Name: BCHG1_03

Final Documentation Name: BCHG1_03

* Read if necessary. Have your dizziness or balance problems caused you to change or cut back on any of the following activities? Please say yes or no to each.

....Exercising or taking walks

* If respondent is unable to do this activity for reasons OTHER than dizziness or balance, Enter '2'
Examples include respondents who are in a wheelchair, are deaf, blind, don’t have a driver’s license, etc.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BCHNG1='1'

Description: Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months and whose problem prevents them from doing things

Sources: None

Recodes: None

Keywords: None

Notes: None

Dizz/bal probs caused changes or cut back on exercising or taking walks?

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Question ID: BAL.320_04.000  
Instrument Variable Name: BCHG1_04  
Final Documentation Name: BCHG1_04

* Read if necessary. Have your dizziness or balance problems caused you to change or cut back on any of the following activities? Please say yes or no to each.

...Walking down a flight of stairs

* If respondent is unable to do this activity for reasons OTHER than dizziness or balance, Enter '2'
Examples include respondents who are in a wheelchair, are deaf, blind, don’t have a driver’s license, etc.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BCHNG1='1'
Description: Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months and whose problem prevents them from doing things

Sources: None
Recodes: None
Keywords: None
Notes: None

Dizz/bal probs caused changes or cut back on walking down a flight of stairs?

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<td>No</td>
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<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Read if necessary. Have your dizziness or balance problems caused you to change or cut back on any of the following activities? Please say yes or no to each.

**Participating in social activities outside your home**

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BCHNG1='1'

**Description:**
Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months and whose problem prevents them from doing things

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<tr>
<th>Dizz/bal probs caused changes/cut back on social activities outside home?</th>
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**Performing household chores, such as cleaning or laundry**

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BCHNG1='1'

**Description:**
Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months and whose problem prevents them from doing things

<table>
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<th>Dizz/bal probs caused changes/cut back on chores, like cleaning or laundry?</th>
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</tbody>
</table>
* Read if necessary. Have your dizziness or balance problems caused you to change or cut back on any of the following activities? Please say yes or no to each.

... Going to the toilet

* If respondent is unable to do this activity for reasons OTHER than dizziness or balance, Enter '2'
Examples include respondents who are in a wheelchair, are deaf, blind, don’t have a driver’s license, etc.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BCHNG1='1'

Description: Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months and whose problem prevents them from doing things

Dizz/bal probs caused changes or cut back on going to the toilet?

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
Question ID: BAL.350_00.000

Instrument Variable Name: BM12WS

Final Documentation Name: BM12WS

**DURING THE PAST 12 MONTHS, how many days of work or school have you missed because of your dizziness or balance problems?**

**Enter '0' for none.**

**Universe:**

ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ((BDIZZ1='1') or (BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1'))

**Description:**

Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

In past 12 mos, how many days of work/school missed because of dizz/bal problem?

<table>
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<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>000-365</td>
<td>000-365 days</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
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<tr>
<td>998</td>
<td>Not ascertained</td>
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<tr>
<td>999</td>
<td>Don't know</td>
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</tbody>
</table>

Question ID: BAL.355_00.000

Instrument Variable Name: BM12RA

Final Documentation Name: BM12RA

**DURING THE PAST 12 MONTHS, how many days of other regularly scheduled activities - excluding work and school days - have you missed because of your dizziness or balance problems?**

**Enter '0' for none.**

**Universe:**

ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ((BDIZZ1='1') or (BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1'))

**Description:**

Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

In past 12 mos how many days of oth activities missed bec of dizz/bal problem?

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<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>000-365</td>
<td>000-365 days</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
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<tr>
<td>999</td>
<td>Don't know</td>
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</tbody>
</table>
**Question ID:** BAL_360_00.000  
**Instrument Variable Name:** BPROB1  
**Final Documentation Name:** BPROB1

**DURING THE PAST 12 MONTHS, how much of a problem was your dizziness or balance condition?** Would you say it was no problem, a small problem, a moderate problem, a big problem, or a very big problem?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ((BDIZZ1='1') or (BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1'))

**Description:** Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months

**Sources:** None
**Recodes:** None
**Keywords:** None
**Notes:** None

In the past 12 mos, how much of a problem was your dizziness/balance condition?

1. No problem
2. A small problem
3. A moderate problem
4. A big problem
5. A very big problem
6. Refused
7. Not ascertained
8. Don't know
Have you ever taken or had any of the following medications or treatments for ANY health conditions or problems. Please say yes or no to each.

**...Meclizine or Antivert™ for dizziness, nausea or vomiting**

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ((BDIZZ1='1') or (BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1'))

**Description:** Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

Ever taken or had Meclizine or Antivert for dizziness, nausea, or vomiting?

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know

---

**Question ID:** BAL.370_02.000
**Instrument Variable Name:** BMED_2
**Final Documentation Name:** BMED_2

* Read if necessary. Have you ever taken or had any of the following medications or treatments for ANY health conditions or problems. Please say yes or no to each.

**...Other medicine or patches for motion sickness, nausea or vomiting**

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ((BDIZZ1='1') or (BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1'))

**Description:** Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

Ever taken/had other medicine or patches for motion sickness/nausea/vomiting?

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
**Question ID:** BAL.370_03.000  
**Instrument Variable Name:** BMED_3  
**Final Documentation Name:** BMED_3

* Read if necessary. Have you ever taken or had any of the following medications or treatments for ANY health conditions or problems. Please say yes or no to each.

**Medicines for anxiety or depression**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ((BDIZZ1='1') or (BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1'))

**Description:** Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months

**Sources:** None  
**Recodes:** None  
**Keywords:** None  
**Notes:** None

Have you ever taken or had medicines for anxiety or depression?

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<td></td>
<td>7</td>
<td>Refused</td>
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<td>8</td>
<td>Not ascertained</td>
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<td>Don't know</td>
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**Question ID:** BAL.370_04.000  
**Instrument Variable Name:** BMED_4  
**Final Documentation Name:** BMED_4

* Read if necessary. Have you ever taken or had any of the following medications or treatments for ANY health conditions or problems. Please say yes or no to each.

**Chemotherapy (ke-mo-THER-ah-pe) drugs**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ((BDIZZ1='1') or (BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1'))

**Description:** Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months

**Sources:** None  
**Recodes:** None  
**Keywords:** None  
**Notes:** None

Have you ever taken or had chemotherapy?

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<td>Refused</td>
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<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
<td>Don't know</td>
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Have any of your biological, that is, BLOOD relatives such as parents, brothers, sisters, or children had a problem with dizziness, balance, or falling, NOT related to aging?

Question ID: BAL.380_00.000

Instrument Variable Name: BBIO1

Final Documentation Name: BBIO1

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: None

Notes: None

Any of your bio relatives had prob with dizz/bal/falling, not related to aging?

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

This next question is about falls or falling. By falls or falling, we mean unexpectedly dropping to the floor or ground from a standing, walking or bending position. DURING THE PAST YEAR, have you fallen at least one time?

Question ID: BAL.385_00.000

Instrument Variable Name: BFALL12M

Final Documentation Name: BFALL12M

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (BDIZZ1 ne '1') and (BTYPE_1 ne '1') and (BTYPE_2 ne '1') and (BTYPE_3 ne '1') and (BTYPE_4 ne '1') and (BTYPE_5 ne '1') and (BTYPE_6 ne '1') and (BTYPE_7 ne '1')

Description: Sample adults 18+ who did not have a balance or dizziness problem in the past 12 months and did not have at least one symptom in the past 12 months

Sources: None

Recodes: None

Keywords: None

Notes: None

In the past year, have you fallen at least one time?

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
These next questions are about falls or falling. By falls or falling, we mean unexpectedly dropping to the floor or ground from a standing, walking or bending position. **DURING THE PAST 5 YEARS**, have you fallen at least one time?

**Question ID:** BAL.390_00.000

**Instrument Variable Name:** BFALL5Y

**Final Documentation Name:** BFALL5Y

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ((BDIZZ1='1') or (BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1'))

**Description:** Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

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<td>7</td>
<td>Refused</td>
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<td>Not ascertained</td>
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**Question ID:** BAL.400_01.000

**Instrument Variable Name:** BFL1_01

**Final Documentation Name:** BFL1_01

**DURING THE PAST 5 YEARS**, did any of your falls occur just before or around the time you were feeling a sense of spinning or other movement sensation?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BTYPE_1='1' and BFALL5Y='1'

**Description:** Sample adults 18+ who have a balance symptom of feeling a sense of spinning or other movement sensation and have fallen past 5 years

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

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<td>7</td>
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<td>8</td>
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</table>
Question ID: BAL.400_02.000
Instrument Variable Name: BFL1_02
Final Documentation Name: BFL1_02

**DURING THE PAST 5 YEARS,** did any of your falls occur just before or around the time you were having a floating, spacey, or disconnected feeling?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BTYPE_2='1' and BFALL5Y='1'

Description: Sample adults 18+ who have a balance symptom of a floating, spacey, or disconnected feeling and have fallen past 5 years

Sources: None
Recodes: None
Keywords: None
Notes: None

In past 5 yrs, any falls occur before a floating/spacey/disconnected feeling?

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know

---

Question ID: BAL.400_03.000
Instrument Variable Name: BFL1_03
Final Documentation Name: BFL1_03

**DURING THE PAST 5 YEARS,** did any of your falls occur just before you felt lightheaded?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BTYPE_3='1' and BFALL5Y='1'

Description: Sample adults 18+ who have a balance symptom of feeling lightheaded and have fallen past 5 years

Sources: None
Recodes: None
Keywords: None
Notes: None

In past 5 yrs, did any of your falls occur just before you felt lightheaded?

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
**Question ID:** BAL.400_04.000  
**Instrument Variable Name:** BFL1_04  
**Final Documentation Name:** BFL1_04

**DURING THE PAST 5 YEARS, did any of your falls occur just before or around the time you were feeling like you are about to pass out?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BTYPE_4='1' and BFALL5Y='1'

**Description:** Sample adults 18+ who have a balance symptom of feeling like they are about to pass out and have fallen past 5 years

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

In past 5 yrs, any falls occur just before felt like passing out?

1  Yes  
2  No  
7  Refused  
8  Not ascertained  
9  Don't know

---

**Question ID:** BAL.400_05.000  
**Instrument Variable Name:** BFL1_05  
**Final Documentation Name:** BFL1_05

**DURING THE PAST 5 YEARS, did any of your falls occur just before or around the time you were having blurred vision?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BTYPE_5='1' and BFALL5Y='1'

**Description:** Sample adults 18+ who have a balance symptom of blurred vision and have fallen past 5 years

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

In past 5 yrs, did any falls occur just before you were having blurred vision?

1  Yes  
2  No  
7  Refused  
8  Not ascertained  
9  Don't know
Question ID: BAL.400_06.000  
Instrument Variable Name: BFL1_06  
Final Documentation Name: BFL1_06

**DURING THE PAST 5 YEARS,** did any of your falls occur just before or around the time you were having a general feeling of being unsteady or off-balance?

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BTYPE_6='1' and BFALL5Y='1'

**Description:**  
Sample adults 18+ who have a balance symptom of unsteadiness and have fallen past 5 years

**Sources:** None  
**Recodes:** None  
**Keywords:** None  
**Notes:** None

In past 5 yrs, did any falls occur just before you felt unsteady or off-balance?

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know

Question ID: BAL.400_07.000  
Instrument Variable Name: BFL1_07  
Final Documentation Name: BFL1_07

**DURING THE PAST 5 YEARS,** did any of your falls occur just before or around the time you were having and other or general problem with dizziness or imbalance?

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BTYPE_7='1' and BFALL5Y='1'

**Description:**  
Sample adults 18+ who have an other or general balance symptom and have fallen past 5 years

**Sources:** None  
**Recodes:** None  
**Keywords:** None  
**Notes:** None

In past 5 yrs, did any falls occur before other/general prob with dizz/imbal?

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
Question ID: BAL.410_00.000
Instrument Variable Name: BFALL12A
Final Documentation Name: BFALL12A

DURING THE PAST 12 MONTHS, have you fallen at least once a month on average?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BFALL5Y='1'
Description: Sample adults 18+ who had a fall in past 5 years

Sources: None
Recodes: None
Keywords: None
Notes: None

In the past 12 months, have you fallen at least once a month on average?

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Question ID: BAL.420_01.000
Instrument Variable Name: BF12M_NO
Final Documentation Name: BF12M_NO

1 of 2

DURING THE PAST 12 MONTHS, about how many times per day, week, or month have you fallen?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BFALL12A='1'
Description: Sample adults 18+ who have fallen at least once a month in last 12 months

Sources: None
Recodes: None
Keywords: None
Notes: None

In the past 12 months, about how many times per day/week/month have you fallen?

001-365 001-365
997 Refused
998 Not ascertained
999 Don't know
* Enter time period for time fallen.

Universe: ASTATFLG = "1" and (AGE GE '018' and AGE not IN ('997', '999')) and (BFALL12A='1') and ('001'<=BF12M_NO<='365') or (BF12M_NO='999')

Description: Sample adults 18+ who have fallen at least once a month in the last 12 months and gave a number for time fallen or said DK to number part of this question

Sources: None
Recodes: None
Keywords: None
Notes: None

Time period for time fallen

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
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<tr>
<td>2</td>
<td>Week(s)</td>
</tr>
<tr>
<td>3</td>
<td>Month(s)</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
DURING THE PAST 12 MONTHS, how many times have you fallen?

*Read if necessary. If unsure, estimate as best you can.

**Question ID:** BAL.430_00.000  
**Instrument Variable Name:** BFTIME1  
**Final Documentation Name:** BFTIME1

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BFALL12A IN('2','7','9')

**Description:** Sample adults 18+ who haven't fallen at least once a month in the past 12 months

**Sources:** None  
**Recodes:** None  
**Keywords:** None  
**Notes:** None

In the past 12 months, how many times have you fallen?

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
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</tr>
<tr>
<td>1</td>
<td>1 time</td>
</tr>
<tr>
<td>2</td>
<td>2 times</td>
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<tr>
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<td>3-4 times</td>
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<tr>
<td>4</td>
<td>5-7 times</td>
</tr>
<tr>
<td>5</td>
<td>8 or more times</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

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DURING THE PAST 12 MONTHS, did you have an injury as a result of a fall? For example, with a bruise, cut or wound, sprain, dislocation, fracture, broken bones, back pain, head or neck injury.

**Question ID:** BAL.440_00.000  
**Instrument Variable Name:** BINJ1  
**Final Documentation Name:** BINJ1

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BFTIME1 IN ('','1','2','3','4','5','7','9')

**Description:** Sample adults 18+ who have fallen at least once a month in the past 12 months

**Sources:** None  
**Recodes:** None  
**Keywords:** None  
**Notes:** None

In the past 12 months, did you have an injury as a result of a fall?

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
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<tr>
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<tr>
<td>7</td>
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<td>8</td>
<td>Not ascertained</td>
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<tr>
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2016 NATIONAL HEALTH INTERVIEW SURVEY  
Sample Adult  
samadult : Adult Balance  
PUBLIC USE  
Document Version Date: 13-Jun-17

**Question ID:** BAL.450_00.000  
**Instrument Variable Name:** BINJWS  
**Final Documentation Name:** BINJWS

**DURING THE PAST 12 MONTHS, how many days of work or school did you miss because of injury from falls?**

* Enter '996 if doesn’t work or go to school.

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BINJ1='1'

**Description:** Sample adults 18+ who were injured by fall(s) in the past 12 months

**Sources:** None  
**Recodes:** None  
**Keywords:** None  
**Notes:** None

In past 12 mos, how many days of work/school missed bec of injury from falls?

<table>
<thead>
<tr>
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<th>Description</th>
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</thead>
<tbody>
<tr>
<td>000-995</td>
<td>000-995 days</td>
</tr>
<tr>
<td>996</td>
<td>Doesn't work or go to school</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>999</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**Question ID:** BAL.455_00.000  
**Instrument Variable Name:** BINJHP  
**Final Documentation Name:** BINJHP

**DURING THE PAST 12 MONTHS, did you talk to or see a doctor or other health professional about any injuries that you had as a result of a fall or falling?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BINJ1='1'

**Description:** Sample adults 18+ who were injured by fall(s) in the past 12 months

**Sources:** None  
**Recodes:** None  
**Keywords:** None  
**Notes:** None

In past 12 mos, did you talk to/see MD/health prof about injuries from a fall?

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
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<td>2</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Thinking about your worst injury that resulted from a fall or falling DURING THE PAST 12 MONTHS, how many times did you talk to or see a medical professional about that injury?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BINJHP='1'

**Description:** Sample adults 18+ who talked to a doctor or other health professional about falls or falling in the past 12 months

<table>
<thead>
<tr>
<th>times</th>
<th>Description</th>
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<tbody>
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<td>2 times</td>
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<tr>
<td>3</td>
<td>3-4 times</td>
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</tr>
<tr>
<td>5</td>
<td>10-14 times</td>
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<tr>
<td>6</td>
<td>15 or more times</td>
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<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Have you fallen during the past 12 months due to any of the following reasons? Please say yes or no to each.

...You tripped, stumbled, or slipped

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BFALL12A='1'

**Description:** Sample adults 18+ who have fallen at least once a month in the past 12 months

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
<th>Refused</th>
<th>Not ascertained</th>
<th>Don't know</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>7</td>
<td>8</td>
<td>9</td>
</tr>
</tbody>
</table>
* Read if necessary. Have you fallen during the past 12 months due to any of the following reasons? Please say yes or no to each.

...You blacked out or fainted

<table>
<thead>
<tr>
<th>Universe:</th>
<th>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and BFALL12A='1'</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description:</td>
<td>Sample adults 18+ who have fallen at least once a month in the past 12 months</td>
</tr>
</tbody>
</table>

Have you fallen in the past 12 months because you blacked out or fainted?

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don’t know

---

* Read if necessary. Have you fallen during the past 12 months due to any of the following reasons? Please say yes or no to each.

...You were playing sports or exercising

<table>
<thead>
<tr>
<th>Universe:</th>
<th>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and BFALL12A='1'</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description:</td>
<td>Sample adults 18+ who have fallen at least once a month in the past 12 months</td>
</tr>
</tbody>
</table>

Have you fallen in the past 12 mos because you were playing sports/exercising?

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don’t know
Table 4.65. Fall due to problem with vision or weakness

<table>
<thead>
<tr>
<th>Question ID: BAL.460_04.000</th>
<th>Instrument Variable Name: BFWH_04</th>
</tr>
</thead>
<tbody>
<tr>
<td>* Read if necessary. Have you fallen during the past 12 months due to any of the following reasons? Please say yes or no to each.</td>
<td></td>
</tr>
</tbody>
</table>

...You had a problem with vision

<table>
<thead>
<tr>
<th>Universe:</th>
<th>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BFALL12A='1'</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description:</td>
<td>Sample adults 18+ who have fallen at least once a month in the past 12 months</td>
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<tr>
<td>Sources:</td>
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<td>Recodes:</td>
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<td>Keywords:</td>
<td>None</td>
</tr>
<tr>
<td>Notes:</td>
<td>None</td>
</tr>
</tbody>
</table>

Have you fallen in the past 12 months because you had a problem with vision?

| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Table 4.66. Fall due to weakness or numbness in one or both legs

<table>
<thead>
<tr>
<th>Question ID: BAL.460_05.000</th>
<th>Instrument Variable Name: BFWH_05</th>
</tr>
</thead>
<tbody>
<tr>
<td>* Read if necessary. Have you fallen during the past 12 months due to any of the following reasons? Please say yes or no to each.</td>
<td></td>
</tr>
</tbody>
</table>

...You had weakness or numbness in one or both legs

<table>
<thead>
<tr>
<th>Universe:</th>
<th>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BFALL12A='1'</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description:</td>
<td>Sample adults 18+ who have fallen at least once a month in the past 12 months</td>
</tr>
<tr>
<td>Sources:</td>
<td>None</td>
</tr>
<tr>
<td>Recodes:</td>
<td>None</td>
</tr>
<tr>
<td>Keywords:</td>
<td>None</td>
</tr>
<tr>
<td>Notes:</td>
<td>None</td>
</tr>
</tbody>
</table>

Have you fallen in past 12 mos bec you had weakness/numbness in one/both legs?

| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
**2016 NATIONAL HEALTH INTERVIEW SURVEY**  
Sample Adult  

samadult : Adult Balance  

PUBLIC USE  

Document Version Date: 13-Jun-17

**Question ID:** BAL.460_06.000  
**Instrument Variable Name:** BFWH_06  
**Final Documentation Name:** BFWH_06

*Read if necessary. Have you fallen during the past 12 months due to any of the following reasons? Please say yes or no to each.*

...You had not eaten recently or you had low blood sugar

| Universe: | ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BFALL12A='1' |
| Sources: | None |
| Recodes: | None |
| Keywords: | None |
| Notes: | None |

Have you fallen in the past 12 mos bec you hadn’t eaten/had low blood sugar?

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don’t know</td>
</tr>
</tbody>
</table>

**Question ID:** BAL.460_07.000  
**Instrument Variable Name:** BFWH_07  
**Final Documentation Name:** BFWH_07

*Read if necessary. Have you fallen during the past 12 months due to any of the following reasons? Please say yes or no to each.*

...You drank too much alcohol

| Universe: | ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BFALL12A='1' |
| Sources: | None |
| Recodes: | None |
| Keywords: | None |
| Notes: | None |

Have you fallen in the past 12 months because you drank too much alcohol?

<p>| | |</p>
<table>
<thead>
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<th></th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don’t know</td>
</tr>
</tbody>
</table>
* Read if necessary. Have you fallen during the past 12 months due to any of the following reasons? Please say yes or no to each.

...You had a problem using a walker, cane, or other aid that helps you get around

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BFALL12A='1'

Description: Sample adults 18+ who have fallen at least once a month in the past 12 months

Have you fallen in past 12 mos because you had a prob using a walker/cane/other aid?

<p>| | |</p>
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<thead>
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<tbody>
<tr>
<td>1</td>
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</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
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</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

* Read if necessary. Have you fallen during the past 12 months due to any of the following reasons? Please say yes or no to each.

...You had a problem with shoes, sandals or socks

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and BFALL12A='1'

Description: Sample adults 18+ who have fallen at least once a month in the past 12 months

Have you fallen in past 12 mos because had a prob using a walker/cane/other aid?

<p>| | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
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<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Have you fallen in the past 12 months because of some other reason?

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
DURING THE PAST 12 MONTHS, how many times have you slipped or lost your balance and caught yourself WITHOUT falling?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ((BDIZZ1='1') or (BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1'))

Description: Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months

In past 12 mos # times you slipped/lost balance and caught self without falling?

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
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<tbody>
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<tr>
<td>1</td>
<td>1 time</td>
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<tr>
<td>2</td>
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<td>3 to 4 times</td>
</tr>
<tr>
<td>4</td>
<td>5 to 7 times</td>
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<tr>
<td>5</td>
<td>8 or more times</td>
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<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
DURING THE PAST 12 MONTHS, have you used the Internet for any of the following reasons? Please say yes or no to each.

...To look up health information on your dizziness or balance problems

**Question ID:** BAL.475_01.000  
**Instrument Variable Name:** BINTHI  
**Final Documentation Name:** BINTHI  

Universes:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ((BDIZZ1='1') or (BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1'))

Description: Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months

Sources: None  
Recodes: None  
Keywords: None  
Notes: None

In past 12 mos have you used the Internet to get health info on dizz/bal probs?  
1 Yes  
2 No  
7 Refused  
8 Not ascertained  
9 Don't know

---

**Question ID:** BAL.475_02.000  
**Instrument Variable Name:** BINTTR  
**Final Documentation Name:** BINTTR

*Read if necessary. DURING THE PAST 12 MONTHS, have you used the Internet for any of the following reasons? Please say yes or no to each.

...To learn about medical or other recommended treatments for your dizziness or balance problems

Universes:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ((BDIZZ1='1') or (BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1'))

Description: Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months

Sources: None  
Recodes: None  
Keywords: None  
Notes: None

In past 12 mos use Internet to research medical/other dizz/bal prob treatments?  
1 Yes  
2 No  
7 Refused  
8 Not ascertained  
9 Don't know
During the past 12 months, have you used the Internet for any of the following reasons? Please say yes or no to each.

*To learn about rehabilitation services or intervention programs for your dizziness or balance problems*

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and ((BDIZZ1='1') or (BTYPE_1='1') or (BTYPE_2='1') or (BTYPE_3='1') or (BTYPE_4='1') or (BTYPE_5='1') or (BTYPE_6='1') or (BTYPE_7='1'))

**Description:**
Sample adults 18+ who had a balance or dizziness problem in the past 12 months or who had at least one symptom in the past 12 months

---

Internet use

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How often do you use the Internet?

*Read if necessary: How many times per day, per week, per month, or per year do you use the Internet?

*Enter number.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and AWEBUSE ='1'

Description: Sample adults 18+ who use the Internet

Sources: None
Recodes: None
Keywords: internet use frequency
Notes: None

Frequency internet use: # of units

<table>
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<tr>
<th>Frequency</th>
<th>Description</th>
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</tr>
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</table>

*Enter time period for how often Internet is used.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ('001'<=AWEBOFNO<='995')

Description: Sample adults 18+ who use the Internet and gave a valid value for the number portion of this question

Sources: None
Recodes: None
Keywords: internet use frequency
Notes: None

Frequency internet use: Time units

<table>
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<th>Frequency</th>
<th>Description</th>
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<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
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</tbody>
</table>
Do you send or receive emails?

**Universe:**  
ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:**  
Sample adults 18+

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<td>9</td>
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How often do you check this email account?

*Read if necessary: How many times per day, per week, per month, or per year do you check this email account?*

*Enter number.*

**Universe:**  
ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and provided a valid email address

**Description:**  
Sample adults 18+ who gave an email address

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Question ID: AWB.050_02.000
Instrument Variable Name: AWEBMTP
Final Documentation Name: AWEBMTP

2 of 2

*Enter time period for how often email is checked.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and provided a valid email address and ('001'<=AWEBMNO<='995')

Description: Sample adults 18+ who gave an email address and gave a valid value for the number portion of this question

| Sources: None |
| Recodes: None |
| Keywords: email use frequency |
| Notes: None |

Frequency email use: Time units

1 Per day
2 Per week
3 Per month
4 Per year
7 Refused
8 Not ascertained
9 Don't know
## INDSTRN APPENDIX: INDUSTRY RECODE APPENDIX from the 2012 NAICS-based codes obtained from Census

Numeric listing of Response Values and Labels for INDSTRN1 (detailed industry recode)

<table>
<thead>
<tr>
<th>Column 1</th>
<th>Column 2</th>
<th>Column 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Response Values</td>
<td>Output Response Values</td>
<td>Output Response Labels</td>
</tr>
</tbody>
</table>

Agriculture Industries
- **Crop production** 01
- **Animal production** 02
- **Forestry and logging** 03
- **Fishing, hunting, and trapping** 04
- **Support activities for agriculture and forestry** 05

Mining Industries
- **Oil and gas extraction** 06
- **Mining (except oil and gas)** 07
- **Support activities for mining** 08

Utilities Industries

Construction Industries

Manufacturing Industries
- **Food manufacturing** 11
- **Beverage and tobacco product manufacturing** 12
- **Textile mills** 13
- **Textile product mills** 14
- **Apparel manufacturing** 15
- **Leather and allied product manufacturing** 16
- **Wood product manufacturing** 17
- **Paper manufacturing** 18
- **Printing and related support activities** 19
- **Petroleum and coal products manufacturing** 20
- **Chemical manufacturing** 21
- **Plastics and rubber products manufacturing** 22
- **Nonmetallic mineral product manufacturing** 23
- **Primary metal manufacturing** 24
- **Fabricated metal product manufacturing** 25
- **Machinery manufacturing** 26
- **Computer and electronic product manufacturing** 27
- **Electrical equipment, appliance, and component manufacturing** 28
- **Transportation equipment manufacturing** 29
- **Furniture and related product manufacturing** 30
- **Miscellaneous manufacturing** 31

Wholesale Trade Industries
- **Merchant wholesalers, durable goods** 32
- **Merchant wholesalers, nondurable goods** 33
- **Non-specified wholesale trade** 34

Retail Trade Industries
- **Motor vehicle and parts dealers** 35
- **Furniture and home furnishings stores** 36
- **Electronics and appliance stores** 37
- **Building material and garden equipment and supplies dealers** 38
- **Food and beverage stores** 39
- **Health and personal care stores** 40
- **Gasoline stations** 41
- **Clothing and clothing accessories stores** 42
- **Sporting goods, camera, hobby, book and music stores** 43
- **General merchandise stores** 44
- **Miscellaneous store retailers** 45
- **Nonstore retailers and non-specified retail trade** 46

Transportation and Warehousing Industries
- **Transportation (including support activities for transportation)** 47
- **Postal service, couriers, and messengers** 48
- **Warehousing and storage** 49

Information Industries
- **Publishing industries (except internet)** 50
- **Motion picture and sound recording industries** 51
- **Broadcasting and telecommunications** 52
- **Information services and data processing** 53

Finance and Insurance Industries
- **Monetary authorities -- central bank** 54
- **Credit intermediation and related activities** 55
- **Securities, commodity contracts, and other financial investments and related activities** 56
- **Insurance carriers and related activities** 57

Real Estate and Rental and Leasing Industries
- **Real estate** 58
- **Rental and leasing services** 59
- **Lessors of nonfinancial intangible assets (except copyrighted works)** 60
Professional, Scientific, and Technical Services Industries
Management of Companies and Enterprises Industries
Administrative and Support and Waste Management and Remediation Services Industries
Education Services Industries
Health Care and Social Assistance Industries
   - Ambulatory health care services
   - Hospitals
   - Nursing and residential care facilities
   - Social assistance
Arts, Entertainment, and Recreation Industries
   - Performing arts, spectator sports, and related industries
   - Museums, historical sites, and similar institutions
   - Amusement, gambling, and recreation industries
Accommodation and Food Services Industries
   - Accommodation
   - Food services and drinking places
Other Services (except Public Administration) Industries
   - Repair and maintenance
   - Personal services (barber shops, beauty salons, nail salons, laundry, funeral homes and cemeteries)
   - Religious, grantmaking, civic, labor, professional, and similar organizations
   - Private households
Public Administration Industries
Armed Forces
   - Refused, classified
   - Not ascertained
   - Don't know
<Blank: Not in Universe>
### Numeric listing of Response Values and Labels for INDSTRN2 (simple industry recode)

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<td>Response</td>
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<td>Response</td>
</tr>
<tr>
<td>Values</td>
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<td>Labels</td>
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<tr>
<td>0370, 0380, 0390, 0470, 0480, 0490</td>
<td>02 Mining Industries</td>
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<tr>
<td>0570, 0580, 0590, 0670, 0680, 0690</td>
<td>03 Utilities Industries</td>
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<td>0770</td>
<td>04 Construction Industries</td>
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<td>07 Retail Trade Industries</td>
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<td>10 Finance and Insurance Industries</td>
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<td>15 Education Services Industries</td>
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<tr>
<td>8560, 8570, 8580, 8590</td>
<td>16 Health Care and Social Assistance Industries</td>
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<tr>
<td>8660, 8670, 8680, 8690</td>
<td>17 Arts, Entertainment, and Recreation Industries</td>
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<td>9997</td>
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<tr>
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Note: INDSTRN1's 79 distinct categories and INDSTRN2's 21 categories are derived from the NAICS Industry Subsectors and Sectors, respectively, as identified by the U.S. Census Bureau. For additional supplemental information on these Industry Sectors and Subsectors, please see [ftp.cdc.gov/pub/Health_Statistics/NCHS/Datasets/NHIS/NAICS_Sectors_and_Subsectors.pdf](ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Datasets/NHIS/NAICS_Sectors_and_Subsectors.pdf).
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<td>Business and Financial Operations Occupations</td>
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<td>Business and Financial Operations Occupations</td>
</tr>
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<td>46</td>
<td>Financial specialists</td>
</tr>
</tbody>
</table>
### Personal Care and Service Occupations
- Supervisors, personal care and service workers
- Animal care and service workers
- Entertainment attendants and related workers
- Funeral service workers
- Personal appearance workers
- Transportation, tourism, and lodging attendants
- Other personal care and service workers

### Sales and Related Occupations
- Supervisors, sales workers
- Retail sales workers
- Sales representatives, services
- Sales representatives, wholesale and manufacturing
- Other sales and related workers

### Office and Administrative Support Occupations
- Supervisors, office and administrative support workers
- Financial clerks
- Information and record clerks
- Secretaries and administrative assistants
- Other office and administrative support workers

### Farming, Fishing, and Forestry Occupations
- Supervisors, farming, fishing, and forestry workers
- Agricultural workers
- Fishing and hunting workers
- Forest, conservation, and logging workers

### Construction and Extraction Occupations
- Supervisors, construction and extraction workers
- Helpers, construction trades
- Other construction and related workers
- Extraction workers

### Installation, Maintenance, and Repair Occupations
- Supervisors of installation, maintenance, and repair workers
- Electrical and electronic equipment mechanics, installers, and repairers
- Vehicle and mobile equipment mechanics, installers, and repairers
- Other installation, maintenance, and repair occupations

### Production Occupations
- Supervisors, production workers
- Assemblers and fabricators
- Food processing workers
- Metal workers and plastic workers
- Printing workers
- Textile, apparel, and furnishings workers
- Woodworkers
- Plant and system operators
- Other production occupations

### Transportation and Material Moving Occupations
- Supervisors, transportation and material moving workers
- Air transportation workers
- Motor vehicle operators
- Rail transportation workers
- Water transportation workers
- Other transportation workers
- Material moving workers

### Military Specific Occupations
- Refused, classified
- Not ascertained
- Don’t know
- <Blank: Not in Universe>
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<tr>
<th>Column 1</th>
<th>Column 2</th>
<th>Column 3</th>
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21 Production Occupations

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22 Transportation and Material Moving Occupations

9000, 9030, 9040, 9050, 9110, 9120, 9130, 9140, 9150, 9200, 9230, 9240, 9260, 9300, 9310, 9330, 9340, 9350, 9360, 9410, 9415, 9420, 9500, 9510, 9520, 9560, 9600, 9610, 9620, 9630, 9640, 9650, 9720, 9730, 9740, 9750

23 Military Specific Occupations

9800, 9810, 9820, 9830, 9840

9997
9998 and all other codes not listed
9999

Note: OCCUPN1's 94 distinct categories and OCCUPN2's 23 categories are derived from the 2000 New SOC Occupation Subgroups and Major Occupation Groups, respectively, as determined by the U.S. Census Bureau and the Bureau of Labor Statistics. For additional supplemental information on these Occupation Groups and Subgroups, please see